

MODEL QUESTION PAPER

1. What is the default name given while saving a document in Staroffice Writer?
(a) Untitled 1 (b) Untitled (c) Document 1 (d) Text1
2. Which key combination is used to select the entire document in Staroffice Writer?
(a) Ctrl + A (b) Cffl + S (c) Alt + A (d) Alt + E
3. Which one of the following is the named set of default for formatting With in Staroffice Writer?
(a) Style (b) .Format (c) Set (d) Font
4. What is the name of the top portion of a Page in Staroffice Writer?
(a) Title (b) Footer (c) Header (d) Heading
5. Which key is used to open the spell check dialog box?
(a) F1 (b) F2 (c) F5 (d) F7
6. How will make all columns even in a table *vr*Staroffice Writer?
(a) Column —> Space Equally (b) Space Equally -Column
(c) Column -> Width Equally (d) Width Equally-Column
7. Which key combination is used to move backward through the cells in a table?
(a) Shift + Tab (b) Shift + Left arrow
(c) Ctrl + Tab (d) Alt + Tab
8. How many types of page orientation are there in Staroffice Writer?
(a) 1 (b) 2 (c) 3 (d) 4
9. Which of the following is true, to insert a page number in a document?
(a) Insert Fields -> Page Number (b) Format --> Fields - Page Number
(c) View -> Fields -> Page Number (d) Tools -> Fields -> Page Number
10. Which of the following formula to add the number jn .cell A3 with the number in ceUA4?
(a) sum (A3 + A4) (b) = sum (A3:A4) (c) sum (A3:A4) (d) =Add (A3;A4)
11. Which one of the following is,the text operator in Staroffice calc?
(a) : (b) ' (c) >> & (d) ^
12. in Staroffice Calc, which special character is used for Absolute Cell Reference?
(a) * (b) = (c) & (d) \$
13. The operator "(Caret) is used for.....
(a) Division (b) Multiplication (c) Exponentiation (d) Square
14. How will you delete the contents,of a selected cell OP range?
(a) Edit -> Contents Delete (b) Edit - Erase All

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- (c) Edit ~> Remove All . (d) Edit -Remove Contents
15. Which key' is used to edit the content in a cell?
(a) F1 (b)F2 (c) F5 (d) F7
16. Which icon is used to insert .a-formula in a worksheet?
(a) Insert Formula (b) Add Formula (c) Create-Formula (d) Edit Formula
17. Which of the following is not a valid data type in Staroffice Base?
(a) Character (b) Boolean (c) Picture (d) Real
18. Which field is used to uniquely identify a record in a database table?
(a) Main key (b) Primary key (c) Common key (d) Key
19. Which database type contains single data table?
(a) Hierarchical (b) Relational (c) Fiat-file (d) Network
20. Which of the following option is used to remove the filter?
(a) Remove tiller (b) Delete filter
(c) Remove filter/Sort (d) Delete filter/Sort
21. What is the name of the process for joining data from two or more tables
(a) Joining (b) Editing (c) Merging (d) Adding
22. What is the name of the screen that displays the fields of record in a well spaced out manner?
(a) Report (b) Form (c) Query (d) Filter
23. Which of the following are- hwo types of reports?
(a) Static & Dynamic (b) Static & Primary
(c) Primary & Secondary (d) Dynamic & Primary
24. What .is the name of a set of data for each database entry?
(a) Field (b) File (c) Record (d) Table
25. Which language is used to query the database?
(a) C++ (b)SQL (c) HTML (d) C
26. Wnlcti-oF the following graphics helps in rendering the image effectively on the screen?
(a) Image (b) Static (c) Vector (d) Scalar
27. What ,is the name of the process for converting Analog waves to-a"digital formatting?
(a) Sampling (b) Sound-force (c) Amplitude (d) Frequency
28. Name th? technique that blends two or more image to form a new image.
(a) Blending (b) Warping (c) Morphing (d) Modeling
29. What is the extension for the Shockwave format file?
(a) wave (b) au (c) swf (d) mp3

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30. Which of the following tag is not used to launch Helper application?
(a) <embed> (b) <applet> (c) <object> (d) <head>
31. Which key is used to create a new presentation using a template?
(a) Shift + Alt + N (b) Shift + Ctrl + N (c) Ctrl + Alt + N (d) Shift + tab
32. Which of the following view ations to create and edit slides?
(a) Normal (b) Outline (c) Notes (d) Handouts
33. Which command is used to insert a picture in a slide?
(a) Insert —> Picture (b) Format -Picture
(c) Insert —> Picture —> From file (d) Insert —> From file -> Picture
34. How will you change the background color of all the slides?
(a) Format - Background (b) Format - Page --> Background
(c) Formate Page (d) Insert —> Page -> Background
35. Which key combination is used to print slides in Staroffice?
(a) Alt + P (b) Ctrl+P (c) Shift+P (d) Shift + Ctrl + P
36. The group of data and the operations together are termed as
(a) State (b) Object (c) Encapsulation (d) Data
37. What is the name of the process for acquiring Base class properties?
(a) Inheritance (b) Class (c) Polymorphism (d) Encapsulation
38. How many classifications of tokens are there?
(a) 2 (b) 3 (c) 4 (d) 5
39. Which is not a keyword of C++?
(a) size (b) static' (c) struct. (d) signed
40. The range of character data type is
(a) 128 to 127 (b) 0 to 255 (c) 12710 128 (d) 3276810 32707
41. Which variable that holds a memory address as value?
(a) Variable (b) Pointer (c) Static (d) Constant
42. Which function is called automatically?
(a) main (b) void (c) friend (d) online
43. How many segments does a tor-loop statement consist of?
(a) 2 (b) 3 (c) 4 (d) 5
44. Which is called the exit-check loop?
(a) for (b) while (c) do-while (d) All

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45. program written in high level language is called
(a) source, code (b) Object code (c) compiler (d) machine readable file
46. Which statement is used to terminate every action block of switch statement?
(a) Continue (b) For (c) Break (d) Case
47. Which of the following are the building blocks of C++ programs?
(a) Statements (b) Functions (c) Data types (d) Keywords
48. Which statement transfers control to the statement after call statemen
(a) cout (b) return (c) cin (d) while
49. In which method, the forma! parameters become alias to the actual parameters?
(a) Call by reference (b) Call by value (c) Call by function (d) Call by variable
50. Which function execute faster but require more memory space?
(a) linein (b) lineout (c) inline (d) outline
51. The size of the array always be
(a) positive (b) negative (c) float value (d) character
52. Which of the following function returns the number of characters stored the array?
(a) strien () (b) strepy (c) stremp , (d) length
53. What will be, the size of an array a [4] (6)
(a) 10 (b) 21 (c) 24 (d)20
54. The functions associated with the class data type are called.....
(a) pointers (b) methods (c) arrays (d) user defined data types
55. Which brace is used to enclose the body of the class?
(a)0 (b)<> (c)0 (d)[]
56. Which access specifier of a class body is optional?
(a) Public . (b) Private (c) Protected (d) Class
57. Which of the following is achieved -through data hiding?
(a) Polymorphisnrf (b) Class (c) Data abstraction (d) Class members
58. Which access specifier are used to access friend functions?
(a) Private (b) Protected (c) Public (d) Class
59. The. static member variable is initialized to.....
(a)0 (b) 1 (c) true (d) false
60. Polymorphism .is achieved through.....
(a) inheritance (b) encapsulation (c) overloading (d) poly program-ming

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61. Which of the following operator can be overloaded in C++?
(a) Membership (b) Scope resolution (c) Size of (d) All of these
62. The name of the constructor must be.....
(a) same as class name (b) same as one of the Member Function
(c) same as Object Name (d) same as Name of Inline Function
63. The mechanism of giving special meaning to an operator is called.....
(a) function overloading (b) method overloading
(c) constructor overloading (d) operator overloading
64. How many destructors a class can have?
(a)1 (b)2 (c)3 (d)4
65. Which of the following has no return type and cannot be overloaded?"
(a) Constructor (b) Member function (c) Destructor (d) Inline function
66. Which of the following get executed when a class goes out of a scope?
(a) Pointer (b) Destructor (c) Constructor (d) Function overloading
67. In inheritance, the newly created classes are
(a) base class (b) derived class (c) super class (d) function
68. How many access specifiers are there in inheritance?
(a) Two (b) Four (c) Six (d) Three
69. Classes used only for deriving other classes are
(a) Concrete class (b) Abstract class (c) Class members (d) Polymorphism
70. Which permits banking from the comfort of the home by using internet facility?
(a) Call Centers (b) e-Banking (c) e-Shopping, (d) e-Cards
71. In which one of the following areas, transcription is used
(a) Education (b) Medicine (c) Administration (d) Games
72. Which of the following does not refer to authorized access to the computer system
(a) Physical Security . (b) Personal Security (c) Personnel Security (d) Piracy
73. Name the special device that allows the user to speak and convert the speech into a letter?
(a) Microphone (b) Gamophone (c) Dictaphone (d) Cellular Phone
74. Which of the following is not an IT enabled- service?
(a) e-Governance (b) Railway Reservation System
(c) Telemedicine (d) Data Management
75. Which one of the following enables data storage and management?
(a) Emotion containers . (b) Camera (c) Archeive Unit (d) Speakers

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I. Choose the correct answer:

1. CBT stands for
 - (a) Computer Based Tutorials
 - (b) Computer Based Tools
 - (c) Computer Based Techniques
 - (d) Coded Binary Toois
2. A facility that allows the user to speak into a special device while typing a letter using computer is called.....
 - (a) Cellphone
 - (b) Telephone
 - (c) Dictaphone
 - (d) Speaker
3. BPO may be expanded as
 - (a) Business Publication Online
 - (b) Business Process Outsourcing
 - (c) Business Publication Outsourcing
 - (d) Business Process Online
4. A self replication program that can cause damage to data and files stored on the computer is.....
 - (a) virus
 - (b) antivirus
 - (c) language
 - (d) none of these
5. The illegal access to the computer hardware and software is
 - (a) Hacking
 - (b) Cracking
 - (c) Chatting
 - (d) Browsing
6. When an object is passed by reference to constructor, the constructor that is executed is ,,
 - (a) copy
 - (b) static
 - (c) default
 - (d) inline,
7. The process of creating new classes from the'existing class is.....
 - (a) .Polymorphism
 - (b) Encapsulation
 - (c) Inheritance
 - (d) Abstract
8. In inheritance, the newly created classes are
 - (a) Base class
 - (b) Derived class
 - (c) Super class
 - (d) Function
9. Classes used only for deriving other classes are.....
 - (a) Abstract classes
 - (b) Concrete classes
 - (c) Static classes
 - (d) None of these
10. 85% of computer usage is
 - (a) Presentation
 - (b) Spreadsheet
 - (c) Database
 - (d) Word processing

Read the following C++ program carefully and answer the questions from 11 to 13

```
#include <iostream.h>
class negative
{
    intt;
    public:
    void accept ()
    {
        cin
```

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```

    }
void display ()
{
    cout<<i;
}
void main ()
{
    negative n 2;
2.accept ();
    -n2;
    n2.disp[ay()];-
}

```

11. identify" the operator that is overloaded.....
 - (a) == (b) (Unary) (c) (Binary) (d) negative.
12. The prototype of the overloaded member function is.....
 - (a) negative operator-() (b) void operator minus (c) void operator -() (d) void operator-(negative)
13. Which of the foii'owing statements invokes the overloaded member funcitc
 - (a) Negative n 1 () (b) - n 2 () (c) n 2+; (d) - n 2;
14. The function that initializes the object is.....
 - (a) void (b) destructor (c) inline (d) constructor
15. Whenever a class object goes out of scope, a special function thatgi executed is
 - (a) Destructor (b) Constructor (c) Destroy (d) End
16. The constructor defined by the computers in the absence of user define constructor j &
 - (a) Copy (b) Abstract (c) Default (d) Destructor
17. Which of the .following is not a valid class access specifier?
 - (a) Private (b) Public (c) Protected (d) Pointer
18. The members of a ci'ass are accessed using the operator.....
 - (a) + (b) Cdot) (c) < (d) >
19. The variable that is initialized only when the first object of the class created is
 - (a)static (b) private (c) public (d) protected
20. The class access specifier used to access friend function is
 - (a)private (b)pubiic (c)protected (d) both (b)and(c)

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21. An integer array with indexes from Q to 4, all having value I may be declared and initialized as
- (a) `int x [4] = {1};` (b) `int x H = {'U.U};`
 (c) `int x [5] = {1,1,1,1,1};` (d) `int x [] = {}:`
22. The size of the array must always be
- (a) positive (b) negative (c) float (d) double
23. The collection of variables of the same referenced by a common name is
- (a) function (b) array (c) structure (d) pointer
24. Every class declaration is terminated by
- (a) (comma) (b) (dot) (c) (double .colon) (d) (semicolon)
25. Which of the following statements is NOT true?
- (a) Member functions can be of static type
 (b) The return type of a member function cannot be of object data type
 (c) A non-member function cannot access the private data of a class
 (d) Several different classes can use the same function name;
26. The statement that creates multiple branches, depending on the value of a single variable is ..;.....
- (a) do-while (b) switch (c) if (d) while
27. The default return data type of a function, if no data type is explicitly mentioned is
- (a) int (b) char (c) float (d) double
28. The function strepy (S1, S2).....
- (a) copies S1 to S2 (b) copies S2 to S1 (c) appends S1 to end of S2 (d) appends S2 to end of S1
29. Which of the following is NOT true, related to functions? ;
- (a) The actual parameters can be passed in the form of constants to the formal parameters of value type.
 (b) The actual parameters can be passed only as variables to formal parameters of reference type.
 (c) The default value in the formal parameters can be given, in the form of variable initialization.
 (d) The default value for an argument can be given in between the argument list.
30. In the following code, the scope of the variable's is.....
- ```

it (x < y)
{
 ' int a;
 a++;
}

```
- (a) Local scope-                      (b) Function scope      (c) File scope                      (d) Class scope

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31. The modifier that allows that variable to exist in the memory computer, even after losing its scope is ....  
(a) Auto (b) Static (c) Extern (d) Global
32. The operator is called as .....  
(a) Extraction operator (b) Insertion operator (c) Abstraction operator (d) Stream operator
33. A preprocessor directive starts with the symbol.....  
(a) % (b) \ (c) \$ (d) # /
34. Which of the following is an entry check loop?  
(a) Do-while (b) Switch (c) While (d) If
35. A program written in high level language is called as.....  
(a) Object code (b) Source code (c) Executable code (d) All of these
36. The. shockwave format is used to store multimedia components create using .....  
(a) Media player (b) Netscape Navigator (c) Internet Explorer (d) Flash
37. The application that allows to send and receive messages over cellpho\_JS...  
(a) Microwave Media Service (b) Multimedia Media Service  
(c) Multimedia Messaging Service (d) Microwave Messaging Service
38. JPEG may be expanded as .....  
(a) Joint Photographic Experts Group (b) Joint Physical Exports Group  
(c) Joint Physical Experts Group (d) Joint Photographic Exports Group
39. Which of the following is the commercial multimedia content development software?  
(a) Flash (b) Dream Weaver (c) Maya (d) All of these.
40. AIFF format was developed by.....  
(a) Real Networks (b) Apple (c) IBM (d) Microsoft
41. SQL stands for.....  
(a) Structured Query Language (b) Sorted Query Language  
(c) Sorted Question Language (d) Structured Question Language
42. Filter used with a condition is called  
(a) Auto Filter (b) Default Filter (Standard filter)  
(c) Conditioned Filter (d) unconditioned Filter
43. The field type -that is not allowed by StarOffice Base is.....  
(a) Text (b) Binary (c) Project (d) Image
44. The Computers that primarily use the hierarchical database are .....  
(a) Super (b) Mainframe (c) Personal (d) Mini
45. To send text outline into presentation, select-.....

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- (a) File → Send → Outline to presentation (b) File → Outline to presentation  
 (c) File -> Presentation (d) File → Send → Presentation
46. In-presentation the view that allows us to view miniature images of all the slides is.....  
 (a) Slide sorter (b) Master page (c) Notes view (d) Layouts
47. Which of the following is used, to import objects from other application into a presentation?  
 (a) Insert ODBC object (b) Insert OLEDB object  
 (c) insert OLE Object (d) Insert DBMS object
48. The shortcut key for opening style list is .....
- (a) FS (b) F7 (c) F5 (d) F11
49. To change the background colour of the current slide, click on .....
- (a) Format → Page → Background (b) Tools ~-> Page→> Background  
 (c) Edit -> Page → Background (d) View ~> Page → Background
50. The key combination used to open print dialog box 'n StartmpressOfficeis  
 (a) Ctrl + Shift + P (b) Ctrl + P  
 (c) Shift + P (d) Alt + P
51. The intersection of rows and columns in a spreadsheet is called as.....  
 (a) cell (b) Row intersect (c) Grid (d) Column intersect
52. A formula in spreadsheet always begins with.....  
 (a) + (b)- (c) ^ (d)=
53. Which of the following operators combines two texts?  
 (a) + (b) & (c) !| (d) =
54. The function used to find the square root-of a number in StarOffice Calc is  
 (a) SQR (b) SQT (c) SQRT (d) SRT
55. The cells A4,A5,A6,B4,B5& B6 are referred in a worksheet as  
 (a) A4 : B6 (b) A1 : B6  
 (c) A1 : A6 ; B1 : B6 (d) A4 A6 ; B4 : B6
56. A template for .entities that, have common behaviour is ....  
 (a) class (b) object (c) methods (d) attributes
57. Which of the following is an Object Oriented Programming language?  
 (a) C++ (b) C (c) BASIC (d) FORTRAN
58. Which of the following is not a C++ keyword?  
 (a) this (b) new (c) cont (d) if
59. int a, b, c ;

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a)=6; b)=7; c)=(a++)-(--b);

cout c;

The output of the above 'code, whenIt is executed is.....

(a) 0 (b) 9 (c) 11 (d) error

60. The constant that should not have fractional part is ...

(a) Float (b) Double (c) Integer (d) Exponent

61. Which of the following icons, is used to generate a scrolling screen with Worksheet

(a) insert Plug-in (b) Insert Floating frame  
(c) Insert OLE object (d) Insert Chart

62. The term data -is derived from the word .....

(a) Datum (b) Datem (c) Datas (d) Datus

63. Acolumn in a StarOffice Base table represents a .....

(a) Structure (b) File. (c) Field (d) Record

64. The key that uniquely identifies a record in a database is .....

(a) Primary key (b) Secondary key (c) Record.key (d) Unique key

65. The process used to select the desired and specific data from a database is .....

(a) Merging (b) Sorcing (c) Editing (d) Searching

66. If the-length of. the document is, more than the width, the orientation is called as .....

(a) Layout (b) Landscape (c) Portrait (d) Margin

67. Which of the following keys is pressed'to move backward through the ce;l  
of Star Office Writer table?

(a) Ctri'+Tab (b) Shift + Tab (c) Enter + Tab (d) ESC+Tab

68. in StarOffice Writer, the page preview option is available under the menu,.

(a) Format (b) Edit (c) File (d) View

68. To add a row after the last row- of the table in StarOffice Writer, the key pressed is....

(a) Tab (b) Shift (c) Alt (d) Ctrl

70. The active cell in a spreadsheet is identified by ....

(a) Insertion pointer (b) Cell pointer (c) Mouse pointer (d) Keyboard pointer .

71. Which of the following is not a word processor?

(a) StarWritep (b) Note pad (c) MS Word (d) Wordstar

72. The key used to delete the character to the left of the insertion point is.

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(a) Backspace (b) Delete (c) Space Bar (d) Enter

73. Each time when increase indent icon is clicked, the Paragraph is indented by ..

(a) 1 inch (b) 1/2 inch (c) 1/4 inch (d) 2 inches

74. The shortcut key used to move to the beginning of a document is.....

(a) Shift+Home (b) Home+Enter (c) Ctrl + B (d) Ctrl+Home

75. The key pressed to select the spelling command is .....

(a) F7 (b) F1 (c) F9 (d) F5

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1. Choose the correct answer:

1. In StarOffice Text document can be created using .....

(a) StarOffice Calc (b) StarOffice Writer (c) Star Office Impress (d) StarOffice Base

2. Which keys are pressed to move the insertion point to the end document?

(a) Ctrl + Home (b) Shift + Home (c) Ctrl + End (d) Shift + End

3; Which font looks professional?

(a) Fajite (b) Anal (c) Wingdings (d) Times New Roman

4. Bullets and Numbering option is available under.....

(a) File (b) Edit (c) Format (d) View

5. Which key is pressed to select the spelling command?

(a)F5 (b)P6 (c)T7 (d) F2

6. The command to create a Simple Table is.....

(a) Insert -> Table -> Table (b) Table -> Insert -> Table  
(c) Table --> Insert (d) Format ~> Insert "> Table

7. To move the insertion point forward through the "cells press ....

(a) Shift (b) Shift + Tab (c) Tab (d) Left Arrow

8. How many types of page orientations are there?

(a)1 (b)2 (c)3 ^ (d)4

9. In StarOffice Writer, to display the ruler on the screen select ruler under.....

(a) File (b) Edit (c) Format (d)View

10. Which of the following data can be typed into a Spreadsheet cell?

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- (a) Numbers (b) Text (c) Formulae (d) All of these
11. How many columns are there in Visicalc?  
 (a) 63 (b) 254 (c) 32000 (d) 256
12. Which bars have shortcut icons for frequently done tasks in the Spreadsheet?  
 (a) Menu bar (b) Formula bar (c) Object bar (d) both (b) & (c)
13. Which key is pressed while editing the contents in a cell?  
 (a) F1 (b) F2 (c) F5 (d) F7
14. The operator <> is used to check .....  
 (a) equal (b) greater than (c) less than (d) inequality
15. Which icon provides a scrolling screen within a worksheet?  
 (a) Insert Floating Frame (b) insert OLE object  
 (c) Insert Applet (d) Insert formula
16. Which of the following formulae calculates the sum of the numbers in the cell A1 of sheet 1 and A2 of sheet 2?  
 (a) = Sum (Sheet.A1 +Sheet2.A2) (b) = Sum (Sheet: A1 ;Sheet2:A2)  
 (c) = Sum (Sheet.A1 ;sheet2.A2) (d) = Sum (Sheet1.A1 ; Sheet2.A2)
17. The set of processed data is called .....  
 (a) Data (b) Datum (c) Information (d) Database
18. Each row in a Database table represents.....  
 (a) File (b) Record (c) Field (d) Table
19. The process to select a desired specific data from a database is...  
 (a) Searching (b) Sorting (c) Merging (d) Filtering
20. A Database that consists of a single data table is .....  
 (a) Relational (b) Flat-File (c) Hierarchical (d) Network
21. Which of the following is not a valid data type in StarOffice base?  
 (a) Text (b) Time (c) Project (d) Integer
22. Which is a type of query?  
 (a) Table (b) Forms (c) Filter (d) Report
23. How many steps are there in the report wizard window?  
 (a) 6 (b) 7 (c) 8 (d) 9
24. What is the expansion of SQL?  
 (a) Syntax Question Language (b) Structured Query Language  
 (c) Syntax Query Language (d) Structured Question Language

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25. What is a way of limiting the information that appears on screen?  
(a) Searching (b) Filtering (c) Merging (d) Report
26. MMS stands for.....  
(a) Multiple Messaging System (b) Multimedia Mail System  
(c) Multimedia Messaging System (d) Multiple Mail System
27. The technique that provides an environment experienced by users as Similar, to reality is.....  
(a) Virtual reality , (b) Vector graphics (c) Animations (d) Modeling
28. Name of the technique of distorting a single image to represent something' else is ..  
(a) Modeling (b) Rendering (c) Morphing (d) Warping
29. Files in the Windows Media format have the extension.....  
(a) wmy (b) .mov (c) .swf (d) wmf
30. Which of the following tag is not used to launch helper application?  
(a) <embed> (b) <name> (c) <applet> (d) <object>
31. The number of options displayed in the first page of the presentation wizard is.....  
(a) 2 (b) 3 (c) 4 (d) 5
32. Which of the following options display "created with StarOffice" message during the pause between each presentation?  
(a) Automatic (b) Effect (c) Show Logo (d) Default
33. The view used to reorder slides is.....  
(a) normal (b) outline (c) notes (d) handouts
34. To open media player window, choose.....  
(a) Tools —> Media player (b) Edit —> Media player  
(c) Insert -> Media player (d) View ~> Media player
35. Which is not a Background fill option?  
(a) Color (b) Gradient (c) Picture (d) Hatching
36. The ability of an object to respond differently to different messages is called-...  
(a) Inheritance (b) Polymorphism (c) Encapsulation (d) object'
37. Which is a kind of a self-sufficient subprogram with a specific functional Area?  
(a) Objects (b) Inheritance (c) Functions (d) Encapsulation
38. Which is the smallest individual unit in a program?  
(a) Tokens (b) Statements (c) Data (d) Pointers
39. Which is a conditional operator?  
(a)? (b)> (c)< (d)?:
40. Which of the following is a derived data type?

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

- (a) Union      (b) Float      (c) Double      (d) Array
41. How many storage specifiers are there in a C++?  
(a) 3      (b) 4      (c) 5      (d) 2
42. Which of the following is the simplest of all the decision statements?  
(a) If      (b) While      (c) Switch      (d) Break
43. In which headerfile the declarations for the objects cin are available?  
(a) istream.h      (b) ostream.h      (c) isostream.h      (d) both (a) and (c)
44. How many times of the following loop will be 'executed'?  
for (i=1; i<6; i++)  
(a) 1      (b) 5      (c) 6      (d) 7
45. The break statement would exit only.....  
(a) current loop      (b) current function  
(c) current program      (d) none of these
46. The statement intA;b;is invalid because .....  
(a) only one variable should be given      (b) capital A is not allowed  
(c) variables should be separated by Comma      (d) all of these
47. A function can be invoked from another function using its .....  
(a) variables      (b) name      (c) return      (d) value
48. In which method, the formal parameters become alias to the actual parameters?  
(a) Call by reference      (b) Call by value      (c) Call by function      (d) Call by variable
49. The function that returns no value is declared as .....  
(a) Main      (b) Friend      (c) Void      (d) Inline
50. Which function does insert the functions code directly into the calling program?  
(a) Void      (b) Main      (c) Inline      (d) Call by variable
51. The size of the array is always....  
(a) positive      (b) negative      (c) float      (d) double
52. Number of parameters required for write () function is.....  
(a) 1      (b) 2      (c) 3      (d) 4
53. Which of the following function copies source string to target string?  
(a) StrlenQ      (b) StrcpyQ      (c) StrcmpO      (d) Strcon()
54. How many access specifiers are there in the class body?  
(a) 2      (b) 3      (c) 4      (d) 1
55. A class belongs to which of the following data types?

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

(a) User Defined Type      (b) Bulk-in Type      (c) Derived Type      (d) Array. Type

56. Class comprises.....

(a) Data members      (b) Member functions      (c) both (A) and (B)      (d) none of these.

57. Private access specifier is accessible by special function called.,...

(a) void      (b) inline      (c) friend      (d) all of these

58. Which of the following is an Object Oriented Programming?

(a) C      (b) C++      (c) BASIC      (d) FORTRAN

59. Class Product.....

```
<
int c, q L
float p;
pi;'
}
```

The number of bytes occupied by p1 is.....

(a) 7      (b) 8      (c) 9      (d) 10

60. Polymorphism is achieved in C++ through.....

(a) Encapsulation      (b) Inheritance      (c) Overloading      (d) Function

61. The mechanism of giving special meaning to an operator is called...

(a) Operator Overloading      (b) Function Overloading  
(c) Inheritance      (d) Object

62. Which of the following is not a valid function prototype?-

(a) void fun (int x);      (b) void fun (int x, int y);  
void fun (int);      void fun (int x, float y);  
(c) int fun (int x);      (d) void fun (char x);  
void fun (float x);      void fun (char x, int y);

63. Which of the following cannot have arguments?

(a) Constructor      (b) Destructor  
(c) Function overloading      (d) Operator overloading

64. When a class object goes out of scope, a special function that is executed is.....

(a) destructor      (b) constructor      (c) function      (d) -object

65. The constructors defined by the compilers in the absence of user defined constructor is called as.....

(a) non-parameterised      (b) default      (c) compiler generated      (d) all of these

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66. The special character related to destructor is.....  
 (a)+ (b)? (c)- (d)!
67. The class from which the other classes are derived is called as .....  
 (a) Objects (b) Object Classes (c) Sub-Class (d) BaseClass
68. Which is not inherited from the base class?  
 (a) Object (b) Function (c) Constructor (d) Data members
69. Class used only for deriving other classes is .....  
 (a) Abstract (b) Concrete (c) Static (d) Void
70. ATM is an example for .....  
 (a) e-shopping (b) e-banking (c) Transcription (d) Digitization
71. The device that converts the speech into a letter is.....  
 (a) Speaker (b) Rock Telephone (c) Dictaphone (d) Head phone
72. BPO may be expanded as.....  
 (a) Business Product Outcome (b) Business Process Outcome  
 (c) Business Product Outsourcing (d) Business Process Outsourcing
73. Which prevents people from acquiring bad habits?  
 (a) Archive unit (b) Emotion containers (c) camera (d) speakers
74. "Cracking" comes under.....  
 (a) Data Security (b) Computer Crime (c) Website .Service (d) Transcription
75. Which of the following is not a way of protection?  
 (a) Physical security (b) Personal Security (c) Personnel Security (d) Privacy

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SEPTEMBER - 2007

1. Choose the correct answer:

1. Which of the following functions will be executed first automatically, when a C++ program is executed?  
 (a) Void (b) Main (c) Recursive (d) Call by reference
2. The building blocks of C++ program are .....  
 (a) functions (b) classes (c) statements (d) operations
3. Which functions executed faster but require more memory space?  
 (a) Normal function (b) Void function (c) Regular function (d) Inline function

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4. Which of the following statements marks the end of the function and also transfers control to the statement after call statement?  
(a) Return (b) Break (c) Continue (d) Stop
5. The calling function parameters are called as.....  
(a) formal parameters (b) actual parameters (c) dummy parameters (d) duplicate parameters
6. The operator used to access the member of a class is.....  
(a) & (b) . (c) \* (d) +
7. A member function calling another function directly is called as.....  
(a) nesting of member functions (b) recursive functions (c) friend functions (d) inline-functions
8. In C++, the class variables are called as  
(a) methods (b) objects (c) constants (d) functions
9. The member functions declared under which scope can be accessed by the objects of that class?  
(a) public (b) private (c) global (d) protected
10. Which, one of the following is a membership operator?  
(a) - (b) :: (c) & (d) !
11. A row in a StarOffice Base table represents a.....  
(a) file (b) structure (c) field (d) record
12. Hierarchical Database was primarily used on .....  
(a) Super Computers (b) Personal Computers  
(c) Micro Computers (d) MainFrame Computers
13. Which icon is used to remove the sorting in StarOffice Base?  
(a) Delete Filter/Sort Icon (b) Delete Sort Icon  
(c) Remove Sort / Filter Icon (d) Remove Filter / Sort Icon
14. In StarOffice Base, which is a printed information that is assembled by gathering data base on used supplied criteria?  
(a) Filter (b) Query (c) Form (d) Report
15. Which of the following are user constructed statements in StarOffice Base?  
(a) Filters (b) Queries (c) Forms (d) Reports
16. The only check box in the auto correct dialog box is  
(a) text only (b) numbers (c) match case (d) whole words only
17. Which of the following is a grid with a specified number of columns and rows in StarOffice Writer?  
(a) Cell (b) File (c) Border (d) Table
18. Which of the following keys is pressed to move backward through the cells in StarOffice Writer Tables?

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

- (a) Tab (b) Shift (c) Shift+Tab (d) Alt+Tab
19. The default width of a page in default orientation is.....  
(a) 8.5 inch x 11 inch (b) 11 inch x 8.25 inch (c) 11 inch x 8.5 inch (d) 8-5 inch x1 inch
20. The format for entering date in StarOffice Calc is.....  
(a) YY/MM/DD (b) YY/DD/MM (c) DD/MM/YY (d) MIWDD/YY
21. Which enables online educational programs leading to degrees and certifications?  
(a) Banking (b) e-Shopping (c) e-Banking (d) e-Learning
22. A facility that allows the user to speak into a special device and to convert the speech into a letter is called .....  
(a) Microphone (b) Dictaphone (c) Gramophon (d) Phone
23. Which refers to the conversion of non-digital material to digital form?  
(a) Data (b) Document (c) Tele-Medicine (d) Digitization
24. The security refers to protecting data and computer system against dishonesty or negligence of employees is called as...  
(a) physical (b) personal (c) personnel (d) none of these
25. Software that runs on an idle computer without the knowledge of the organization is called as theft of.....  
(a) Computer (b) Hardware (c) Software (d) Computer time
26. The ability of an object to respond 'differently to different message is called as  
(a) Inheritance (b) Polymorphism (c) Data hiding (d) Encapsulation
27. The process of creating new data types from existing data type is called as.....  
(a) inheritance (b) Polymorphism (c) overloading (d) Encapsulation
28. C++ was developed by .....  
(a) Dan Bricklin (b) James Gosling (c) Bjarne Stroustrup (d) Rick Mascitti
29. The range of int data type is ..  
(a) -32678 to 32678 (b) -32768 to 32767 (c) -32767 to 32768 (d) -32768 to 32768
30. How many fundamental data types are there in C++?  
(a) 1 (b) 2 (c) 3 (d) 4
31. The constructor without any parameter is called as.....  
(a) initial constructor (b) instance parameter (c) default constructor (d) parameterized constructor
32. The default visibility mode of constructor is.....  
(a) public (b) protected (c) private (d) general

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

33. The symbol that must be used between derived and base class is.....  
(a) & (b) : (c) :: (d) #
34. A derived class that inherits from multiple base class is known as.....  
(a) single inheritance (b) multiple inheritance (c) multilevel inheritance (d) hybrid inheritance
35. Which of the following permits banking from the comfort of the home by using internet facilities?  
(a) Banking (b) e-Shopping (c) e-Banking (d) e-Learning
36. In C++, polymorphism is achieved by .....
- (a) Inheritance (b) Constructor (c) Overloading (d) Encapsulation
37. The mechanism of giving special meaning to an operator is called as.....  
(a) data overloading (b) function overloading (c) variable overloading (d) operator overloading
38. The memory space is allocated to an object using.....  
(a) constructor (b) destructor (c) overloading (d) instance
39. Which is executed automatically when the control reaches the end of the class scope?  
(a) Constructor (b) Destructor (c) Overloading (d) Copy Constructor
40. The destructor is prefixed by the character.....  
(a) # (b) & (c) % (d) -
41. Which of the following is a computer based presentation technique that incorporates text, sound, animations and video elements?  
(a) Animation (b) Multimedia (c) Compression (d) Modelling
42. Which technique is used to distort a single image to represent something else?  
(a) Warping (b) Morphing (c) Rendering (d) Animating
43. GIF stands for.....  
(a) Graphic Interchange Format (b) Graphic Information Format  
(c) Graphical Interface Format (d) Graphic Interconnection File
44. The expansion for MIDI is.....  
(a) Musical Instrument Data Interface (b) Musical Instructions Digital Interface  
(c) Musical Instrument Digital Interface (d) Musical Information Data Interface
45. The technique of identifying recurring set of information and replacing them by a single piece of information is called as.....  
(a) Virtual reality (b) Vector Graphics (c) Compression (d) Synthesize
46. In StarOffice, which one of the following is used to create a text document?  
(a) StarOfficeWriter (b) StarOffice Calc (c) StarOfficeImpress (d) StarOfficeDraw

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

47. The. seiection shortcut u-sed to select the entire document in StarOffice Writer is.....  
 (a) Ctrl+R (b) Ctri+C (c) Ctrl+V (d) Ctrl+A
48. Which is a set of characters in a certain style?  
 (a) Text (b) symbol (c) Document (d) Font
49. What can be used to call attention to key ideas Jn the document?  
 (a) Highlighting (b) Formatting (c) Indenting (d) Editing
50. Which button is clicked to include the word to the dictionary?  
 (a) Include (b) Replace (c) Add (d) Move
51. Which facility of. StarOfficeCalc helps to format-the worksheet with different predefined styles and colours?  
 (a) Chart (b) Auto Format (c) Applet (d) Mutiple sheets
52. The term 'data' is derived from the word.....  
 (a) fact (b) forms (c) datum (d) entities
53. The process used to select a desired and specific data from a database is  
 (a) merging (b) filtering (c) Sorting (d) searching
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## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

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(a) fact (b) forms (c) datum (d) entities
53. The process used to select a desired and specific data from a database is  
(a) merging (b) filtering (c) Sorting (d) searching
54. DBMS is an acronym for .....  
(a) Database Maintaining System (b) Database Management System  
(c) Database Manipulating System (d) Database Merging System
55. The accurate length, of decimal digits in a double precision number is.....  
(a) 13 (b)14 (c).8 (d)7
56. Which one of the following is used to-declare a generic pointer?  
(a) int (b) char (c) void (d) string
57. In C++, which file comprises the combined properties of Jstream and ostream?  
(a) stdio.h (b) string.h (c) conib.h (d) iostream.h
58. Which of the following is the assignment operator?  
(a)+ (b)= (c)=== (d).!
59. How many kinds of loops are there in C++?  
(a)1 (b)2 (C)3 (d)4
60. Nested if..... else statement can be replaced by the statement of.....  
(a-) select-case (b) switch-case (c) for (d) do.while
61. The process of arranging the data in a given array is called.....  
(a) merging (b) ordering (c) filtering (d) sorting
62. A character array should be terminated with a .....  
(A): (b)0 (c)/0 (d)\0

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

63. Which string manipulator function copies source string to target-string?  
 (a) Strien() (b) StrcopyO (c) Strcpy() (d) Strem()
64. The body of a class is terminated by-a .....  
 (a). (b); (c)-; (d)#
65. Data abstraction in C++ is achieved by.....  
 (a) Inheritance (b) Potyiflorphism (c) Data Hiding (d) Encapsulation
66. In StarOffice Impress the window allows to quickiy jump from one slide to other slide or move between open files is .....  
 (a) Desktop (b) Navigator (c) Preview (d) Moving slider
67. In StarOffice Impress, which view, allows to view miniature images'of all slides?  
 (a) Sis-e Sorter (b) Outline (c) Notes (d) Handouts
68. The keyboard shortcut used to create a new presentation using template is  
 (a) Ctri+IS (b) Shift+Ctrl+N (c) Alt+N (d) Ctrl+F+N
69. Which one of the following displays various transition effects that can, be attached to a slide?  
 (a) Custom animation (b) Slide transition (c) Animation effects (d) Slide sorter
70. Which button is pressed to start the slide show in StarOfficetmpress?  
 (a) P1 (b) =3 (c) F5 (d) F7
71. The bar used to display the current cell and its content is.....  
 (a) menu bar (b) object bar (c) formula bar (d) function bar
72. The option under the tile menu used to quit the StarOffice is.  
 (a) Close (b) Quit (c) Exit (d) End
73. A continuous group of cells in a worksheet is called as.....  
 (a) column (b) row (c) datasheet (d) range
74. Graphic representations of numbers are known as.....  
 a) Charts (b) Graphs (c) Bar diagrams (d) Cells .
75. To do the calculations for different worksheets in a particular sheet, we use  
 (a) 20 formula (b) function (c) 3D formula (d) selection

MARCH-2008

I. Choose the correct answer:

1. Which of the following functions is used as electronic pets in computerized home?  
 (a) Projection TV (b) Interactive screen (c) Creative line (d) Robot

---

**PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK**


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2. Which of the following refers to the conversion of non-digital material to digital form?  
 (a) Modularisation (b) Digitization (c) Either(a)or(b) (d) None of these
3. ITES stands for.....  
 (a) International Technology Energy Service (b) International Technology Enabled System  
 (c) Information Technology Energy System (d) Information Technology Enabled Services
4. Computer ethics has its roots in the work of .....  
 (a) Herman Hollerith (b) Robert Wiener(c) Norbert Wiener (d) Herman Wiener
5. Which of the following is the telephone based Shared Service Centre?  
 (a) Call centre (b) ATM (c) Phone centre (d) None of these
6. Which of the following is not true?  
 (a) Constructors cannot be overloaded (b) Constructor is executed automatically  
 (c) Constructors can have parameters (d) Destructors cannot be overloaded

Read the following declarations and answer the Questions from 7 to 9:

```

class vehicle
{
int wheels;
public:
 void inputdata (int, int);
 void outputdata ();
protected:
 int Passenger;
}

class heavy_vehicle; protected vehicle
{
int diesel_petrol;
protected ;
 int load;
public:
 void readdata (int, int);
 void writedata ();

class bus: private heavy_vehicle

```

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

```

{
char marksf 20];
Public:
void fetchdata.(char);
void displaydata ();
}

```

7. Which is the base class of the class heavy\_vehicle?
  - (a) Bus
  - (b) Heavy\_vehide
  - (c) Vehicle
  - (d) Both (a) and (c)
8. The data member that can be accessed from the function display data() is.....
  - (a) passenger
  - (b) load
  - (c) marks
  - (d) all of these
9. The data member that can be accessed by an object of bus class is .....
  - (a) inputdata
  - (b) readdata
  - (c) fetchdata
  - (d) all of these

ouputdata      writedata      displaydata
10. The unit that enables data storage and management is .....
  - (a) Archive
  - (b) Emotion controller
  - (c) warehouse
  - (d) none of these
11. Which of the following operators cannot be overloaded?
  - (a)+
  - (b)++
  - (c)+=
  - (d)::
12. While overloading functions, the possible integral promotions are .....
  - (a) char int
  - (b) int char
  - (c) both (a) and (b)
  - (d) none of these
13. When the control reaches the end of the class scope, the function automatically executed is.....
  - (a) Constructor
  - (b) End
  - (c) Destroyer
  - (d) Destructor
14. Which of the following is used to initialize the class object?
  - (a) Static
  - (b) Dynamic
  - (c) Constructor
  - (d) Destructor
15. Constructor should be declared under the scope.
  - (a) private
  - (b) protected
  - (c) pointer
16. The members of the class can be accessed using the operator.
  - (a) +
  - (b) size of
  - (c) new
  - (d) (dot)
17. The private data of a class can be accessed only through.....
  - (a) member function
  - (b) friend function
  - (c) either (a) or (b)
  - (d) neither (a) nor (b)
18. When a member function is defined within the class it behaves like...
  - (a) in-line
  - (b) friend
  - (c) public
  - (d) private

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

19. The variable-shared by all the objects of a class has the datatype ...  
(a) Static (b) Auto (c) Extern (d) Private
20. In operator overloading the operator functions must be defined as.....  
(a) member function (b) friend function  
(c) either (a) or (b) (d) neither (a) nor (b)
21. Arrays in C++ belong to which of the following data type?  
(a) Basic (b) Derived (c) User defined (d) Primitive
22. A character array should be terminated by a .....  
(a) \\ (b) \0 (c) V? (d) 0
23. In a 2-Darray, the first sub-script stands for.....  
(a) row (b) column (c) diagonal (d) object
24. The members that can also be accessed from outside the class should be declared as.....  
(a) Private (b) Public (c) Protected (d) None
25. Data abstraction is achieved in C++ through.....  
(a) Data hiding (b) Polymorphism (c) Overloading (d) Encapsulation
26. Which of the following creates object file from source code?  
(a) Editor (b) Linker (c) Compiler (d) Header
27. The function that returns no value is. declared as.....  
(a) Static (b) Void (c) Extern (d) Null
28. The scope of any variable used in the entire program is .....  
(a) Local (b) File (c) Function (d) Class
29. The building block of a C++program is.....  
(a) Function ' (b) Loop (c) Statement (d) None
30. The return type of the function prototype float power (float, int) is .....  
(a) char (b) double (c) int (d) float
31. The modifier that allows the variable to exist in the memory of the computer even after losing its scope is.....  
(a) Auto (b) Extern (c) Global (d) Static
32. The declarations for the object, Cin are available under the header file...  
(a) rinputstream.h (b) istream.h (c) stream.h (d) stdstream.h
33. Which of the following is called as put to operator?  
(a) >> (b) << (c) ## (d) "
34. Which of the following is the invalid variable declaration?  
(a) int a, b; (b) .int a ; (c) int a: (d) int a ; b ; int b; float b;

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

35. The statement used to exit from switch structure is.....
- (a) break      (b) exit      (c) quit.      (d) default
36. Multimedia incorporate features like .....
- (a) Text      (b) Video      (c) Sound      (d) allot these
37. The special hardware used to improve the efficiency of the display images is
- (a) Vector Card      (b) Vector Graphical Chord  
(c) Vector Graphics Card      (d) Vector Image
38. Which of the following formats creates a perfect reproduction of images?
- (a) MIDI      (b) GIF      (c) JPEG      (d) BMP
39. MMS may be expanded as.....
- (a) Multimedia Messaging System      (b) Muff-media Mastering Service  
(c) Multimedia Messaging Service      (d) Multimedia Mastering System
40. The technique of distorting a single image to represent something else is
- (a) Turning      (b) Sampling      (c)Morphing      (d) Warping
41. In StarOfficeimpress, to start a presentation, press.....
- (a) F5      (b) F1      (c) F2      (d) F3
- 42.TO create a.new presentation using a template, the key combination used is.....
- (a) Shift + Ctrl +0      (b) Shift + N      (c) Shift +0      (d) Shift + Ctrl + N
43. To rename a slide, choose slide
- (a) rename slide      (b) new slide      (c) rename      (d) slide rename
44. To open style list in presentation, press.....
- (a) F10      (b)F11      (c) F12      (d) F13
45. Which bfthe following is used to import object from other application-into a presentation?
- (a) Insert QLEDB object      (b) Insert OLE object      (c) Insert ODBC object      (d) Insert DBMS object
- 46.SQL stands for... ..
- (a) Structured Query Language      (b) Sorted Question Language  
(c) Sorter Query Language      (d) Structured Question Language
47. Which of the following is also a special type of query?
- (a) Form      (b) Report      (c) Filter      (d) Question
- 48.To insert the Spreadsheet Calc cell in StarOfficeWriter, seiect.....
- (a) Edit —> Paste      (b) Edit —> Past Special  
(c) Tools —> Paste Special      (d) Format —> Paste

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

49. Which of the following is not a step in data processing?  
 (a) Collection (b) Verification (c) Computation (d) Validation
50. A row in a StarOffice Base table represents a.....  
 (a) structure (b) File (c) Field (d) Record
51. C++ belongs to which category of programming language?  
 (a) Structured (b) Object oriented (c) Modular (d) Procedural
52. The group of data and operations together are known as.....  
 (a) Class (b) Function (c) Structure (d) Object
53. The escape sequence used to represent Bell, non-graphic character constant is.....  
 (a) \a (b) \v (c) \o (d) \b
- Inti = 6;.  
 Unsigned intj = 10 ;  
 Cout size of (i\*J);
54. The output when the above code is executed is.....  
 (a) 2 (b) 4 (c) 8 (d) error
55. If a =5 and b=4, the value of the expression a+b/2 6 is .....  
 (a) 15 (b) 16 (c) 17 (d) 18
56. The cell referencing that does not get changed when copied is.  
 (a) Relative cell addressing (b) Database Merging Store  
 (c) Reference (d) Comparative
57. DBMS may be expanded as.....  
 (a) Database Maintenance System (c) Database Management Store  
 (b) Absolute cell addressing (d) Database Management System
58. A database file that consists of a single data table is.....  
 (a) Flat-file database (b) Relational database (c) Network database  
 (d) Hierarchical database
59. The term 'data' has come from the word.....  
 (a) Datas (b) Datus (c) Datem (d) Datum
60. The number of field types used in StarOfficeBase is.....  
 (a) 20 (b) 30 (c) 12 (d) 13
61. The bar used to display the current cell and its contents in StarOfficeCalc is  
 (a) Menu (b) Object (c) Formula (d) Function

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

62. Which of the following is the reference operator?  
(a)% (b)<> (c) & (d)»!
63. The pointer that identifies the active cell in a worksheet is...;.....  
(a) Cell pointer (b) Insertion (c) Keyboard (d) Mouse
64. The default date format used in spreadsheet is.....  
(a) dd/mm/yy (b) mm/dd/yy (c) dd/mm/yyyy (d) yy/dd/mm
65. Pill command in StarOfficeCalc is available under the menu.....  
(a) Edit . (b) Format (c) File (d) View
66. In StarOfficeWriter, the key used to move forward in a table is .....  
(a) Shift (b) Alt (c) Tab (d) Ctrl
67. In StarOfficeWriter, the command used, to insert more than one row in-a table is.....  
(a) Insert Table —>- Rows (b) Insert —> Rows  
(c) Table —> Insert —> Rows (d) Table - Rows
68. The ruler option in StarOffice Writer is available under.....  
(a) file (b) edit (c) format (d) view
69. The default page orientation is.....  
(a) Book (b) Landscape (c) Handout (d) Portrait
70. The first electronic spreadsheet is.....  
(a) VisiCalc (c) StarCalc (c) Lotus (d) Excel
71. Which of the following StarOffice functions is used for creating text document?  
(a) StarOfficeBase (b) StarOfficeCalc (c) StarOfficelmpress (d) StarOfficeWriter
72. The keyboard shortcut to cut a selected text is .....  
(a) Ctrl + X (b) Ctrl + V (c) Ctrl + B (d) Ctrl + C
73. The key used to delete the characters to the left of the insertion point is  
(a) backspace (b) delete (c) Space bar (d) enter
74. In StarOfficeWriter, the key pressed to enter a hard return is.....  
(a) spacebar (b) enter (c) backspace (d) esc
75. The button used to .skip the spelling change only for the current word is  
(a) ignoreall (b) Ignore once (c) Change ,d) Change all

JUNE . 2008

1. Choose the correct answer:

1. To draw tines and circles in a worksheet click the icon.....

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

- (a) Insert picture                      (b) Insert special character  
(c) Show draw functions              (d) Insert chart
2. Which involves data collection, varification, validation and report generation?  
(a) Data                      (b) Data processing              (c) Database                      (d) Table
3. Each database column represents.....  
(a) File              (b) Record              (c) Field              (d) Character
4. In which Computers Hierarchical Database structures were used?  
(a) Mini              (b) Micro              (c) Mainframe              (d) Super
5. How many field .types are there in StarOffice base?  
(a) 17 .              (b) 13              (c) 15              (d) 20
6. The mechanism by which the data and functions are bound together within a object definition is called?  
(a) Object              (b) Encapsulation              (c) Polymorphism              (d) Inheritance
7. What is the name for the process of acquiring the Base class properties?  
(a) Inheritance              (b) Encapsulation              (c) function              (d) Polymorphism
8. Which brace is used to enclose the body of the C++ program?  
(a)0 .              (b)<> .              (c){ }              (d)[]
9. in the following which defines Local variable?  
(a) Auto              (b) Static              (c) Extern              (d) Register
- ,10. The range of signed int data type is.....  
(a)-128 to 127 .,              (b) 0 to 255              (c) -32768 to 32767              (d) 128 to -127
11. Which is the default access specifier in the class?  
(a) Private              (b) Public              (c) Protected              (d) None of these
12. Which is referred as key feature of object oriented programming?  
(a) Data riding              (b) Encapsulation              (c) Data hiding              (d) Data members
- 13.The static member variable is initialized to .....  
(a) 0              (b) 1              (c) True              (d) Fatse
13. Which access specifier is accessible by members of inherited class?  
(a) Private              (b) Protect              (c) Protected              (d) Class
14. The functionality of '+' operator can be extended to strings through  
(a) function overloading              (b) operator overloading              (c) inheritance              (d) class
15. Presentations can be created using  
(a) StarCWiceWriter              (b) StaifOffieeWriter              (c) StarOfficelmpress              (d) StarOfficeDraw
16. Which is a word, processor?  
(a) StarWiceBase              (c) SlarOffice Impress              (b) StarOfficeCalc              (d) StarOfficeBase

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

17. In StarOfficeWriter, under which menu all the .formatting options are available.....
- a) File      (b) Edit      (c) View      (d) Format
18. Which can be used to call attention to key ideas?
- (a) Formatting      (b) Highlighting      (c) Bullets and Numbers      (d) Indenting
19. The command to open a spell check dialog box is.....
- (a) Edit -> Spelling ~> Check      (b) Tools -> Spelling -Check  
(c) ..Edit—> Check ~> spelling      (d) Tools -> Check -Spelling
20. Improve's spreadsheet was developed by .....
- (a) Lotus Corporation      (b) Microsoft      (c) Apple      (d) Borland
21. Spreadsheet accepts the date format as.....
- (a) DO/MM/YY      (b) MM/DD/YY      (c) YY/MM/DD      (d) YY/DD/MM
22. Which of the following is reference operator?
- (a) .&      (b) ^      (c) :      (d) =
23. A continuous group of cells in a worksheet is called.....
- (a) Record      (b) Range      (c) Group      (d) Sheet
24. Which are referred to as predefined formulae?.
- (a) Functions , (b) Charts      (c) Objects      (d) Cell address
25. Which shows special views of the data in a table?
- (a) Queries      (b) Forms      (c) Reports      (d) drillers
26. What is the; name of the process for joining data from two or more tables?
- (a) Joining      (b) Editing      (c) Merging      (d) Adding
27. An example for Object Oriented Language is.....
- (a) StarOffice      (b) C      (c) C++      (d) HTML
- 27- Which is a kind of a self-sufficient 'sub-program' with a specific functional area?
- (a) Entity      (b) Object      (c) Overloading      (d) Ciass
28. Based on operand requirements, operators are classified as ..... types.
- (a) 2      (b) 3      (c) 4      (d) 5
29. Which of the following is the simple assignment operator?
- (a) =      (b) ==      (c) +=      (d) !=
30. How many bytes does the unsigned int data type occupy?
- (a) 1      (b) 2      (c) 3      (d) 4
31. Which one of the following cannot be overloaded?
- (a) Constructor      (b) Destructor      (c) Operator      (d) Function
32. The class from which the new classes are derived is known as.....

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

- (a) base class (b) derived class (c) Child class (d) sub-class
33. Which form of inheritance is reflected by the transitive nature of inheritance?  
(a) Multilevel (b) Multiple level (c) Singleton (d) Multipath
34. Whenever a class object goes out of scope, a special function that gets executed is.....  
(a) Destructor (b) Constructor (c) Destroy (d) End
35. C8T stands for.....  
(a) Computer Brand Tutorials (b) Computer Based Tutorials  
(c) Computer Based Training (d) Computer Based Tutors
36. Which one of the following operators can be overloaded?  
(a) Membership (b) Size of (c) Unary (d) Conditional
37. The..... arguments of overloaded functions are not considered by the C++ compiler as part of the parameter list.  
(a) actual (b) reference (c) formal (d) default
38. Which of the following gets executed, when an instance of a class comes into scope?  
(a) Constructor (b) Destructor (c) Overloading (d) Encapsulation
39. Constructor has the same name as the .....  
(a) object (b) htmt (c) class (d) instance
40. The constructor without any parameter is called as.....  
(a) initial constructor (b) instance constructor  
(c) default constructor (d) parameterized constructor
59. Which is not in the step process of creating a 3D animation?  
(a) Modelling (b) Moving (c) Animating (d) Repdering
60. Shockwave format ^as developed by.....  
(a) Microsoft (b) Apple (c) Macromedia (d) !BM
61. Statement used in C++ to display messages and result is.....  
(a) print (b) printin (c) cout (d) cin
62. Which are the channels through which data flow from the call statement to the function?  
(a) Function Name (b) Parameters (c) Values (d) Return
- 63.. in which method any change in the formal parameter is not reflected back to the actual parameter?  
(a) ball by value (b) Call by reference (c) Both (a) and (b) (d) Call by function
64. Which function executes faster but requires more memory space?  
(a) Void (b) Main (c) Inline (d) Online

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

65. Which variable is defined within a block?  
 (a) Local (b) Function (c) File (d) Cass
66. What is useful in computer based education?  
 (a) CBT (b) e-shopping (c) Transcription (d) Teaching
67. Which is used for customer-related functions?  
 (a) e-shopping (b) e-banking (c) e-mail (d) Call centres
68. What refers to the conversion of non-digital material to digital form?  
 (a) Transcription (b) Tele-medNne (^Digitization ^d) Data Manage-ment
69. Which of the following is not an IT enabled service ?  
 (a) Reservation (b) e-Governance (c) Tele-medicine (d) Data manage-ment
70. A self-re pi Seating program that damages data and files stored on the computer is called.....  
 (a) Software (b) Data Management (c) Virus (d) e-Governance
71. How many destructors can be given in a class?  
 (a)1 (b)2 (c)3 (d)0
72. In inheritance, the newly created classes from the base class are..... class  
 (a) base (b) derived (c) super (d) void
73. Which operator is used while defining a derived class?  
 (a):. (b); (c):, (d)-
74. Access specifier is also referred to as .....  
 (a) derived (b) base (c) visibility mode (d) derived members
- 75: Which permits banking from the comfort of the home by using internet?  
 (a) Call centres (b) e-banking (c) e-shopping (d).e-cards

MARCH - 2009

Choos the best answer

- The building Mocks-of C++ programs are called as  
 (a) functions (b) programs (c) classes (d) inheritance
- The functions that return no value are called as  
 a) static (b) inline (c) getline (d) vodd
- Any change made in the formal parameter which is reflected back in the actual parameter is  
 a) call by value (b) cally by method (c) caily by function (d) calt by reference

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

4. T"® variable declared above all blocks and functions is called as  
 a) Loal Scope b) Function Scope c) File scope (d) Class Scope .
5. The key feature of object oriented programming is  
 a) Data Abstraction b) Encapsulation c) Polymorphism d) Data Hiding
6. The members of the class are accessed by using a/an  
 a) Increment operator b) Decrement operator  
 c) Scope Resolution operator d) Dot operator
7. Members defined within the class behave like a / an  
 a) Friend function b) Inline function c) Member function. d)GeOine function
8. A member function which can call another member function directly without using dot operator is called as  
 a) Data member function b) Static data members  
 c) Nesting of member function d) Inline function
9. The mechanism of giving a special meaning loan operator is called as  
 a) Constructor overloading b) Function overloading  
 c) Operator overloading d) Destructor
10. The user defined screens that are used to enter view edit the data in a table Starbase re called as  
 a) Tables b) Queries c) Forms d) Reports.
11. Filter used with a condition is called  
 a) Filter b) Standard Filter c) Autofi.eter d) Remove filter
- 12- Which of the following is not a step in data processing ?  
 a) Collection b) Verification c) Computation d )Validation
13. The different field types in StarOfficebase are  
 a) 14 b) 20 c) 25 d) 12
14. The term'Data' comes from the word  
 a) Datum b) Fact c) Entity d) Information
15. In StarOfficeWriter, which of the following commands is used to get a table format dialog box?  
 a) Tabe -> Table properties b) Table -Table Format  
 c) insert —> Table properties d) Insert —> Table.
16. In StarOfficeWriter table, intersection of Row and Column is called  
 a) pointer b) Cell c) table d) cell reference.

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

17. If the length of the document is more than the width, the orientation is called us  
a) page      b) landscape      c) portrait      d) header
18. Which of the following dialog boxes can be used to set the margins in StarOfficeWriter?  
a) Format      b) Table      c) Paragraph      d) Page Style
19. A continuous group of cells in a worksheet is called  
a) Range      b) Intersection      c) Merging      d) Sorting
20. CBT means .  
a) Computer Based Tutor      b) Computer Based Tutorials  
c) Computer Based Teaching      d) Computer Basea Technology
21. A category of IT enabled service pertaining to collection, digitization and processing of data coming from various sources is  
a) e-governance      b) Call centres      c) Data digitization      d) Data Management.
22. The illegal access to the network or computer system is called as .  
a) Piracy      b) Computer Crime      c) Computer ethics      d) Cracking
23. A self-replicating program that can cause damage to data and files stored in a computer is called  
a) crime      b) Virus      c) application      d) piracy
24. A Security, that refers to protecting data and computer system against dishonesty or negligence of employees is  
a) Data Security      b) Physical Security      c) Personal Security      d) Personnel Security
25. Which of the following is the process of deriving a class *from* an existing class?  
a) Inheritance      b) Class      c) Polymorphism      d) Object
26. The ability of an object to respond differently to different messages is called as  
a) .Object      b) class      c) polymorphism      d) inheritance.
27. Which of the following have special meaning to the language compiler?  
a) Tokens      b) Constants      c) Identifiers      d) Keywords
28. The storage specifier that instructs the compiler to store the variable in the CPU register to optimise access is  
a) auto      b) static      c) extern      d) register
29. Which of the following qualifiers specifies that the value of the variable will not change during the run time of the program ?  
a) Const      b) Static      c) Extew      d) Auto
30. Which of the following is a scope resolution operator-?  
a) :      b) ;      c) ::      d) .\*
31. A special function that has the same name as the class name is

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

- a) constructor    b) destructor    c) both (A) and (B)    d) friend function
32. The default visibility mode in inheritance is  
a) public    b) static    c) protected    d) private
33. When a derived class inherits from multiple base classes, it is known as  
a) single inheritance    b) multiple inheritance    c) multilevel inheritance    d) hybrid inheritance
34. Classes used only for deriving other classes are called as  
a) Abstract classes    b) Derived classes    c) Base classes    d) Destructor
35. Which of the following enables online educational programs leading to degrees and certifications?  
a) e-governance    b) e-learning    c) e-banking    d) e-commerce
36. Which, of the following operators cannot be overloaded?  
a) +    b) ++    c) ::    d) +=
37. During overloading of which of the following operators, the left hand object must be an object of the relevant class?  
a) Unary    b) Binary    c) Ternary    d) None of these
38. When an instance of a class comes into scope, a special function called... gets executed.  
a) constructor    b) destructor    c) function overloading    d) operator overloading
39. Constructors defined by the computers in the absence of user defined constructor is called as  
a) default constructor    b) copy constructor    c) parameterised constructor    d) both (A) and (C)
40. A function that removes the memory of an object which was allocated by the constructor at the time of creating an object is  
a) constructor.    b) copy constructor    c) default constructor    d) destructor
41. MMS means  
a) Multimedia Services    b) Multimedia Messaging System  
c) Multimedia System    d) Multimedia Messaging Structure
42. Multimedia applications that allow users to actively participate instead of just sitting by as passive recipients of information are called as  
a) Interactive Multimedia    b) Multimedia .System  
c). Computer based Tutorial    d) Web based Tutorial
43. A technique by which you can blend two or more images to form a new image is  
a) Modeling    b) Morphing    c) Warping    d) Animating

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

44. The compression that retains the exact image throughout the compression is called  
 a) lossless compression      b) lossy compression      c) rendering      d) animating
45. The format that was developed by Macromedia and is used to store  
 Multimedia components created using Flash is  
 a) AVI format      b) MIDI format      c) Wave format      d) Shockwave format
46. In StarOffice Writer, as the characters are typed the flashing vertical bar that moves towards right is called  
 a) Pointer      b) Insertion point      c) Key      d) Word wrap
47. In StarOffice Writer, Shortcut key used to select the whole document is  
 a) Ctrl + A      b) Ctrl + S      c) Alt + A      d) Alt + E
48. The named set of defaults for formatting text is  
 a) Style      b) Help agent      c) Indentation      d) Highlighting
49. The Button used to skip the spelling change for the current word is  
 a) Ignore      b) Change      c) Ignore once      d) Skip
50. In StarOffice Writer key combination used for justifying the selected paragraph is  
 a) Ctrl + C      b) Ctrl + E      c) Ctrl + B      d) Ctrl + J
51. The function used to find the square root of a given number is  
 a) Sqr()      b) Sqrt()      c) Sqt()      d) SquarerootQ
52. The process of arranging the data in some order in a table is called  
 a) Searching      b) Sorting      c) Merging      d) filtering
53. A database file that consists of a single data table is called  
 a) Flat file database      b) Relational database      c) Network database      d) Hierarchical database
54. The key that uniquely identifies every record in a database table is,  
 a) Unique key      b) Record key      c) Primary key      d) Secondary key
55. The key combination used to save the database table is  
 a) Ctrl+C      b) Ctrl+S      c) Ctrl + V      d) Ctrl + A
56. Read the following C++ program carefully and answer the Questions from 56 to 60 :

```
#include <iostream.h >
void main()
{
int num = 2 ;
do
```

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

```
{
cout << num * num << '\t';
num += 1 ;
}
while (num <6);
}
```

57. Name the control variable used in the program

- a) num      b) += 1      c) \t      d) None of these

58. What is the test expression (condition ) used ?

- a) num      b) num num      c) (num <6) d) None of these

59. How many times will the loop be executed?

- a) 6      b) 4      c) 5      d) 3

60. What is the output of the following program?

- a) 2 4 9 16 25      b) 2 4 6 8      c) 4 9 16 25      d) 0 4 9 25

61 . What type of loop statement-is used in the program?

- a) Entry check loop      b) Exit check loop      c) Entry controlled -loop      d) Selection loop

62. The subscript of an arrays always commences from

- a) 1      b) -1      C) 0      d) 2

63. Which of the following is a 2-dimensional character array?

- a) Array of strings      b) Matrix      c) Literals      d). Strings

64. Which of the following is an invalid array declaration?

- a) int array [100];      b) int array [];      c) int array [ i ];      d) const .int i = 10 ; int array [ i ];

64. A way of binding the data and its associated functions together is called as

- a) class      b) objects      c) functions      d) data hiding

65. The body of a class is enclosed within braces and is terminated by

- a) .      b) ;      c)      d) \*

66. In StarOffice impress, the page used to specify basic background informa- tion that needs to be included in all the slides is

- a) Slide Transition      b) Custom Animation      c) Master page      d) Layout

67. The function key which is used to ru,n or start the presentation is

- a) F2      b) F1      c) F4      d) F5

68. Which of the following keys is used to create a new presentation- using template?

- a) Shift+Alt+N      b) Shift+Ctri+N      c) Ctri + Alt + N      d) Shift + Tab

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

69. Which command is used to insert a picture in. a slide?
- a) Insert -> Picture                      b) Format -> Picture  
 c) Insert —> Picture ->-From file    d) View -> Picture ->Insert
70. Which command is used to open HTML Export window in StarOffice impress?
- a) file—> Export                      b) Tools-> Export  
 c) Insert —> Export                      d) File/-> Open -> Export
71. Which command is used to generate a series in SlarOfficeCalc ?
- a) Cell reference    b) Copy      c) Fill      d) Cut .
72. Predefined formulae that are available/in StarOfficeCalc are
- a) Relative cell referencing              b) Cell address  
 c) Absolute celt referencing              d) Functions
73. In StarOfficeCalc, which command is used to change the width of the column in a worksheet?
- a) Insert —> Column —> Width      b) Insoh -> Width ~> Column  
 c) Format —> Column —> Insert      d) Format ~> Column —> Width
74. Which of the following icons provides to generate a scrolling screen within a worksheet?
- a) Insert Formula              b) Insert OLE object    c) Insert Floating France              d) Insert Chart

JUNE-2009

Choose the Correct answer:

1. Which helps to format the worksheet with predefined styles and colours?
- a) AutoStyleSheet    b) AutoColor Sheet      c) AutoFormatSheet              d) AutoSheet
2. Each row in a table represents.....
- a) Record      b) Field      c) File      d) Database
3. In StarOfficeBase, how many field types can be used?
- a) 14              b) 20              c) 11              d) 12
4. Which of the following is the special views of the data in a table?
- a) Sorting      b) Filtering      c) Queries      d) Editing
5. Which of the following filters is with a condition?
- a) Autofitter      b) Sortfilter    c) Filter      d) Standard filter
6. Which of the following provides security to data? .
- a) Class              b) Data hiding    c) Base class    d) Derived class
7. Which one of the following is an example of object oriented programming?

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

a) BASIC      b) C      c) Pascal      d) C++

8. How many classifications of operators are there based on operand requirements in C++?

a) 13      b) 4      c) 3      d) 14

9. What is the maximum range of \insigned integer datatype?

a) 255      b) 65535      c) 32768      d) 3.4e+10

10. Which Escape sequence is used to represent New Line?

a) M      b) \n      c) \;m      d) \x

11. The body of the class is terminated by a.....

a) (comma)      b) : (colon)      c) ; (semicolon)      d) ( )

12. Member functions are called as.....

a) Datatypes      b) Access specifiers      c) Methods      d) Attributes

13. How many copy (copies) of the. member variable is (are) created if it is static memory?

a) Two      b) One.      c) Three      d) Four

14. Class product

```
<
 int a, b;
float P;
public:
 void assign_data ();
 void dteplay ();

void main()
{
 product P1, P2 ;
}
```

The number of memory bytes allotted for the variable P1 is.....

a) 12      b) 10      c) 8      d) 4

15. The mechanism of giving special meaning to an operator is called .....

a) Operator overloading      b) Function overloading      c) Inheritance      d) Object

16. A word processing document may contain .....

a) text and tables      b) graphs and charts      c) pictures      d) arf these

17. Which command is selected to cut the selected text in StarOffice Writer?

a) File -> cut      b) Edit -> cut      c) Format —> cut      d) Tools —> cut

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

18. Which of the following keys opens the starOffice help?  
 a) F1      b) F4      c) [=12      d) F2
19. Which fonts took professional ?  
 a) Fajita      b) Times New Roman      c) Anal      d) Arial Black
20. Which of the following keys is pressed to delete a misspelled word and the word is retyped?  
 a) End      b) Home      c) Shift + Delete      d) Backspace
21. in StarOfficeCalc the syntax of formula always begins with.....  
 a) '\$      b) #      c) =      d) ^
22. In which of the following formats the date is entered in a cell in StarOfficeCalc?  
 a) DD/MM/YY      b) MM/DD/YY      c) YY/DD/MM      d) YY/MM/DD
23. Which of the following functions is used to find square root of a given number in StarOfficeCalc?  
 a) SQRC)      b) SQRSQ      c) SQRTQ      d) SQUAREQ
24. Which of the following reference operators is named as Intersection"?  
 a)      b) I      c) &      d) =
25. Which of the following formulae calculates the sum. of. numbers in the cell A1 of sheet 1 and A2 of sheet 2?  
 a) = sum (sheet 1 .A1 + sheet 2.A2)      b) = sum (sheet! . A1 + sheet2 A2)  
 c) = sum (sheetl. A1 ; sheet 2.A2)      c) = sum (sheet! .A1 : sheet2.A2)
26. What is the expansion of SQL?  
 a) Syntax Question Language      b) Structured Query Language  
 c) Syntax Question Language      d) Structured Question Language
27. To insert the Spreadsheet Calc cell in startOffice Writer, select...  
 a) Edit -> paste      b) Edit ~> paste Special  
 c) format -paste      c) Tools -> paste Special
- 28.A database that consists of a single data table is .....,  
 a) Flat-File      b) Relational      c) Hierarchical      d) Network
29. Which of the following displays the fields of a records in well spaced out manner ?  
 a) Query      b) Report      c) Form      d)-Table
30. Which icon is pressed'to displays the records in original order after sorting?  
 a) Remove Filter /Sort      b) Delete Filter / Sort  
 c) Exclude Filter /Sort      d) Delete Sort / Filter
31. How many types of arrays are there?  
 a) 3      b) 4      c) 6      d) 2

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

32. Which of the following functions copies source string to target string?  
 a) Strien( )    b) Strcpy( )    c) Strcmp( )    d) Strcon( )
33. What will be the size of the array float exam [4] [6]?  
 a) 10 bytes    b) 96 bytes    c) 24 hYTE-s    d) 20 bytes
- 34 Which of the following is a way to bind the data and its associated functions together?  
 a) Array    b) Function    c) Class    d) Pointer
35. Class name is also called as.....  
 a) Function    b) member    c) method    d) tag
36. The view-used to reorder slides is.....  
 a) Normal    b) Outline    c) Notes    d) Handouts
37. Which command is used to open HTML Export Wizard?  
 a) File -> Export    b) Tools ~> Export  
 c) Insert -> Export    d) File->Open-> Export
38. Which of the following is used to import objects from other application into a presentation  
 a) Insert Object    b) Insert OLE Object<sup>l</sup>    c) Insert Plug-in    d) Insert Application
39. Which key is used to start a presentation?  
 A ) F2    b) F5    c) F7    d) F11
40. Which page can be used to specify basic background information that to be included in all the slides?  
 a) Master page    b) Layouts    c) Custom animation    d) Slides transition
41. Which of the following terms means a name having two or more distinct meanings?  
 a) Data Abstraction    b) Encapsulation    c) Inheritance    d) Overloading
42. The Overloaded function definitions are permitted for which of the following data types?  
 a) Built in    b) User defined    c) Derived    d) All of these
43. The constructor without parameters is called as.....  
 a) method constructor    b) operator constructor    c) functional constructor    d) default constructor
44. The special character related to destructor name is.....  
 a) +    b) ?    c) -    d) !
45. How many destructors are allowed in a class?  
 a) Only one    b) Z    c) 3
46. Which is the smallest individual unit in a program?  
 a) Tokens    b) Statements    c) Data
47. Which of the following that cause flow of control jumps from one part of the program?  
 a) Control Structures    b) Operators    c) Puntuators    d) Identifiers
48. The statement intA; b; is invalid because-.....



## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

63. which of the following reduces the size of the program?  
a) Keywords    b) Variables    c) Tokens    d) Functions
64. which of the following refers to the accessibility of a variable?  
a) Scope                    b) Stacks                    c) Storage classes    d) Functions
65. which scope are not know outside their own code block?  
a) Local    b) Function    c) File    d) class
66. ATM means.....  
a) Auto Teller Machine                    b) ArithmeticTeller Machine  
c) Automatic Teller Machine    d) AutomatedTelling Machine
67. How many steps are involved in Medical Transcription?  
a) 2    .    b) 4                    c) 3                    d) Many
68. Which of the following IT Enabled Services is a category of pertaining to collec- tion, digitization and processing of data?  
a) Call Centers    b) Data Management    c) E-Governance    d) Web based services
69. Computer ethics has its roots in the work of.....  
a) Charles Babbage    b) Herman Hotlirith c) Blaise pascal                    d) NorbertWiener
70. Which of the following is a self replicating program that can cause damage to data and files stored on your computer?  
a) Virus    b) piracy    c) Crime    d) Security
71. which of the following functions initializes the class object?  
a) Destructor    b) pointer                    c) Constructor    d)Operator overloading
72. The roost powerful feature of an object oriented programming language                    is.....  
a) clasps                    b) polymorphis    c) Inheritance    d) Encapsulation
73. classes used only for deriving other classes is.....  
a) Abstract    b) Concrete    c) Static    d) Void
74. The character used between derived and base class name is..  
a) ::                    b) : (colon)    c) (semicuion)    d) S
75. The device that converts the speech into a letter is.....  
a) Speaker    b) Reck Telephone                    c) Dictaphone    d) Headphone

## I. Choose the correct answer

1. The statement `int` is invalid because.....

- (a) only one variable should be given    (b) capital A is not allowed  
(c) variables should be separated by comma    (d) all of these.

2. Which of the following statements, marks the end of the function in C++?

- (a) Continue    (b) Break    (c) Return    (d) End

3. In which of the following methods any change made in the format parameter is reflected back in the actual parameter?

- (a) Call by value    (b) Call by reference    (c) Call by function    (d) Call by statement

4. The function that returns no value is declared as.....

- (a) Main    (b) Friend    (c) Void    (d) Online

5. Which of the following is called scope resolution operator?

- (a) &    (b) \*    (c) ::    (d) ?:

6. Which of the following class access specifiers is optional?

- (a) Public    (b) Protected    (c) Private    (d) Class

7. Data members are called as.....

- (a) Methods    (b) Attributes    (c) Datatypes    (d) Pointers

8. Which of the following members can be accessed only from-within the class?

- (a) Private    (b) Public    (c) Protected    (d) Static

9. Class product

```
{
 int a, b ;
 float P;
 public:
 void assign_data ()
 void display ();
};

void main ()
{
 product P1, P2 ;
}
```

The number of bytes allotted for the variable P1 is.....

- (a) 12    (b) 10    (c) 8    (d) 4

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

10. Which .of the following terms means a name having two or more distinct meanings?  
(a) Overloading (b) Encapsulation (c) Inheritance (d) Data Abstraction
11. How many field types are there in StarOfficeBase?  
(a) 13 (b) 11 (c) 10 (d)20
12. Which of the following filters is a filter used with a condition?  
(a) Autofilter (b) Sortfilter (c) Filter (d) Standard filter
13. DBMS stands for .....
- (a) DataBase Manage System (b) DataBase Management System  
(c) DataBase Management Structure (d) DataBase Message System
14. To insert a text outline into presentation, choose.....
- (a) File —> Insert -> Presentation (b) File -> Send —> Presentation  
(c) File —> Insert —> Outline to Presentation (d) File ~> Send —> Outline to Presentation
15. Which of the following is a process of joining data from two or more tables of different databases?  
(a) Searching (b) Sorting (c) Merging (d) Filtering
16. To move Insertion Point Backward through the cells of a table press.....  
(a) shift (b) shift + tab (c) TAB (d) Left arrow
- 17 . By default each cell in a table includes a .....
- (a) border (b) row (c) column (d) row and border
18. The length of a document will be more than the width. This alignment is called as.....  
(a) Landscape (b) Portrait (c) Paper format (d) Paper source
19. In StarOfficeWriter, to display the ruler on the screen, select rule under.....  
(a) File (b) Edit (c) Format (d) View
20. Visicalc was invented by .....
- (a) Dan Bricklin (b) Bob Frankston (c) Bill Gates (d) Dan Bricklin and Bob Frankston
21. CBT Means.....
- (a) Computer Based Tutorials (b) Common Based Tutorials  
(c) Computer Based Teaching (d) Computer Based Teacher
22. Which of the following IT Enabled Services is a category of "pertaining to collection, digitization and processing of data?"  
(a) Call Centres (b) Data Management (c)E-Governance (d) Web based services
23. Which of the following refers to the process of converting a non-digital material to digital form?  
(a) Data conversion (b) Medical transcription  
(c) Data digitization (d) Digital conversion cracking
24. Which of the following securities refers to the protection of hardware?

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

(a) Personal (b) Personnel (c) Physical (d) Data

25. If a software runs on an idle computer without the knowledge of the organization, it is called as theft of

(a) software (b) organization (c) computer time (d) hardware

26. In which of the following mechanisms are the data and functions bound together within an object definition?

(a) Polymorphism (b) Inheritance (c) Encapsulation (d) Operations

27. The ability of an object to respond differently to different messages is called as .....

(a) Polymorphism (b) Inheritance (c) Encapsulation (d) Function

28. Who developed C++?

(a) TTBjarne Stroustrup (b) Dennis Ritcnie (c) Rick Mascitti (d) Dan Bricklin

29. By default, the local variables are

(a) Auto (b) Static (c) Extern (d) Register

30. What is the fange of int data type ?

(a) -32768 to 32767 (b) -32767 to 32768 (c) -32728 to 32727 (d) -32728 to 32729

31. Name of a destructor begins with.....

(a)+ (b)? (c)- (d) '

32. Which of the following is a class fr om which other classes are derived?

(a) Derived class (b) Base class (c) Function class (d) Superclass

33. Which of the following is a default visibility mode ?

(a) Public (b) Protected (c) Private (d) Class

34. Classes used only for deriving other classes are called as .....

(a) base (b) derived (c) abstract (d) static

35. What will be the 85% usage of computer?

(a) Word processing (b) Database (c) Spreadsheet (d) Presentation

36. Which of the following is, not true related to function overloading?

(a) Each overloaded function must differ by the number of its formal parameter

(b) The return type of overloaded functions may be the same data type

(c) The default arguments are considered by the C++ .compiler, as part of the parameter list.

(d) Do not use the same function name for two unrelated .functions

37. By integral promotions, int data type can be converted .into which of the following?

(a) Char (b) Double (c) Float (d) All of these

38. Which of the following cannot be overloaded?

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

- (a) Constructors (b) Destructors (c) Operators (d) Functions
39. Which of the following is automatically executed when the object is created?  
 (a) Constructor (b) Variables (c) Operators (d) Destructor
40. When a class object goes out of scope, which of the following special functions gets executed?  
 (a) Destructor (b) Constructor (c) Overloading (d) Pointer
41. MPEG stands for.....  
 (a) Moving Pictures Experts Group (b) Model Pictures Expression Group  
 (c) Moving Pictures Expression Group (d) Morphing Pictures Experts Group
42. Conversion of analog sound waves to a digital format is called as.....  
 (a) echo (b) sound forge (c) frequency (d) sampling
43. Which of the following is a technique to blend two or more images to form a new image?  
 (a) Warping (b) Morphing (c) Modelling (d) Animating
44. In which year was real audio format developed?  
 (a) 1982 (b) 1995 (c) 1994 (d) 1981
45. Which tag is, used to add in-line sound to a web page?  
 (a) <inline> (b) <bgsound> (c) <sound> (d) <helper>
46. In StarOfficeWriter, the flashing vertical bar is called.....  
 (a) Pointer (b) Marker (c) Insertion point (d) Key
47. Which of the following keys is used to select the entire document in Star officeWriter?  
 (a) Ctrl+E (b) Ctrl+L (c) Ctrl+A (d) Ctrl+D
48. Which is used to call attention to key ideas or points in a document?  
 (a) Highlighting (b) Editing (c) Formatting, (d) Text color
49. Which, of the following is the decorative font?  
 (a) Fajita (b) Times New Roman (c) Arial (d) Arial Black
50. Which key is pressed to select the spelling command?  
 (a) F5 (b) F6 (c) F7 (d) F2
51. Which of the following formulae calculates the sum of numbers in the cell  
 A2 of sheet 1 and A1 of sheet 2 ?  
 (a) = sum (sheet 1 . A2 + sheet 2 .A1) (b)= sum (sheet 1 ; A2 ; sheet 2 : .A1)  
 (c) =s sum (sheet 1 . A2 ; sheet 2 .A1) (d)= sum (sheet 1 . A2 ; sheet 2 : ,A1)
52. The term data comes from the word.....  
 (a) Datum (b) Dat (c) Datu (d) Datumus
53. Each column in a table represents a .....

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

- (a) Record (b) Field (c) File (d) Database
54. Spreadsheet is an example of which of the following databases?  
 (a) Flat File (b) Network (c) Relational (d) Hierarchical
55. Which of the following are called the common fields in a relational database?  
 (a) Keys (b) Files (c) Records (d) Table
56. Which of the following variables holds a memory address?  
 (a) Static (b) Pointers (c) Register (d) Auto
57. A preprocessor directive starts with .....
- (a) \$ (b) # (c) < (d) @
58. Which of the following statements forces the next iteration of the loop to take place skipping any code following the statement in the body loop?  
 (a) Break (b) Continue (c) Switch (d) For
59. How many times will the following loop be executed?  
 for (i = 1 ; i < 30 ; i++)  
 (a) 1 (b) 29 (c) 30 (d) 31
60. Which of the following is an entry-controlled loop?  
 (a) For (b) Do-while (c) Switch (d) If else
61. The size of the array is always.....  
 (a) Positive (b) Negative (c) Float (d) Double
62. How many elements are stored in an array int nim [4] [2]?  
 (a) 2 (b) 4 (c) 6 (d) 8
63. Which of the following functions compares the two given strings?  
 (a) strcpy () (b) cpystr () (c) cmpstr () (d) strcmp ()
64. How many copy of the member variable is created if it is static memory?  
 (a) 2 (b) 1 (c) 3 (d) 4
65. A class comprises .....
- (a) data members (b) member functions (c) both (a) and (b) (d) none of these
66. To change the background of a slide, choose  
 (a) File -> Page -> Background (b) Format -> Slide -> Background  
 (c) File -> Slide -> Background (d) Fonnat -> Page -> Background
67. Which of the following keys is used to start a presentation?  
 (a) F2 (b) F5 (c) F7 (d) F11
68. Which view allows you to create and edit slides?

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

- (a) Handouts view                      (b) Outline view                      (c) Notes view                      (d) Normal view
69. Which key is used to print a document in StarOffice? press?  
 (a) Alt + P                      (b) Ctrl + P                      (c) Shift + P                      (d) Shift + Ctrl + P
70. Which command is used to open Navigator?  
 (a) File ~> Navigator                      (b) Tools ~> Navigator                      (c) Edit —> Navigator  
 (d) Insert-^Navigator
71. In which format is the date format, entered in a cell in StarOfficeCalc?  
 (a) DD/MM/YY                      (b) MM/DD/YY                      (c) YY/DD/MM                      (d) YY/MM/DD
72. Which reference operator is named as Intersection?  
 (a) :                      (b) \*                      (c) &                      (d) =
73. Which of the following has shortcut icons for frequently done tasks –in spreadsheet?  
 (a) Menu Bar                      (b) Formula Bar                      (c) Function bar & Object bar                      (d) Main tool bar
74. Which command is used to generate a series of data on selected cells?  
 (a) Format                      (b) Fill                      (c) Insert                      (d) Series
75. Which icon is used to insert object from other application into a worksheet?  
 (a) Insert OLE Object                      (b) Insert Floating Frame  
 (c) Insert plug-in-                      (d) Insert Applet

MARCH - 2010

XII STANDARD-COMPUTER SCIENCE

1. Choose the correct answer

1. The function used to find the square root of a given number is

- (A) sqrt()                      (B) sqrt()                      (C) sqt()                      (D) square root().

2. Each table column represents

- (A) Record                      (B) Field                      (C) Data,                      (D) Database.

3. The hierarchical- database structures were primarily used for

- (A) super computers                      (B) mini computers                      (C) mainframe computers                      (D) micro computers.

4. In Star Base, which of the field types is not allowed ?

- (A) Date                      (B) Time                      (C) Date/Time                      (D) Project.

5. The expansion of SQL is

- (A) Spacial Query Language                      (B) Special Queue Language

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

- C) Structured Query Language D) Structured Queue Language.
6. Which one of the following is object oriented programming language?  
 (A) C (B) C++ (C) Pascal (D) Visual Basic.
7. A kind of self sufficient 'subprogram' with a specific functional area is called as  
 (A) Object (B) Class (C) Program (D) C++ .
8. Which is not a C++ Keyword ?  
 (A) auto (B) goto (C) constant (D) const.
9. Which marks the end of a string literal ?  
 (A) ' o' (B) 7 o' (C) W (D) 7 n'
- 10 Which is the conditional operator?  
 A) ? B) ?: C) :? D) ;
11. The members of a class are accessed using the operator  
 (A). (B) :: (C) : (d) ;
12. Which of the following is not true ?  
 (A) Member functions can be of static type.  
 (B) The return type of a member function cannot be of object data type  
 C) A non-member function cannot access the private data of a class  
 D) Several different-classes can use the same function name.
13. Data abstraction is (achieved through  
 (a) encapsulation (B) polymorphism (C) inheritance D) data hiding.
14. In C++, class variables are known as  
 (A) class (B) functions C) members D) objects.
15. Which operator cannot be overloaded?  
 (A)+ (B)y++ (C)> (D)::
16. Which of the following is not a word processor?  
 (A) Lotus Amipro (b) Word Pro (C) MS Word (D) Lotus 123.
17. To move to the end of the document, press  
 (A) Home (B) End (C) Ctri + Home (D) Ctrl + End.
18. Which key combination is used to centre a paragraph?  
 (A) Ctrl + C (B) Ctrl + R (C) Ctrl + E (D) Ctrl + J.
- 19 Each time the Increase indent button is clicked, the paragraph is indented  
 to .....:.....from left margin.  
 (A) 1 inch (B)yinch (C) inch (D) 2 men.
20. Which key may be pressed to select the spelling command ?

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

- (A)F5                      (B)F7                      (C) Ctrl + F5                      (D) Ctrl + F7.
21. Which bar is, used io display the current cell and its contents?  
 (A) Function                      (B) Object                      (C) Formula                      (D) Scroll.
22. Default data format is  
 (A) dd /mm /yy                      (B) mm /dd /yy                      (C) yy /mm /dd                      .                      (D) dd /yy /mm.
23. FitI command is available under which menu ?  
 (A) File                      (B) Format                      (C) Edit                      (D) Help.
24. Which are predefined formula that are avilable in StarOfficeCalc ?  
 (A) Functions                      (B) Wizards                      , (C) Cell address                      (D) Formats.
25. Which icon is used to insert objects from other application into a worksheet?  
 (A) Insert Formula                      (B) Insert Floating Frame  
 (C) insert Applet                      (D) Insert OLE Object.
26. A filter is also a type of  
 (A) tabfe                      (B) form                      (C) report                      (D) query.
27. Which is a printed information that is assembled by gathering data based on user supplied criteria ?  
 (A) Table                      (B) Form                      (C) Report                      (D) Query.
28. To insert a calc cell range into a text document choose  
 (A) Edit ~> paste                      (B) Edit -> copy                      (C) Edit - paste special                      (D) Edit —> copy special.
29. Which is used to assemble information from data ?  
 (A) DBMS                      (B) Datum                      (C) Information                      (d) Sorting.
30. Which key uniquely indentifies a record in a table ?  
 A) Primary                      (B) Secondary                      (C) Tertiary                      (D) Record pointer.
31. An array in C++ is  
 (A) user defined data type                      (B) built - in - data type  
 c) derived data type                      d) default data type.
32. The array subscript always commences from  
 (A)1                      (B)-1                      (C)0                      (D) 100.
33. Strings are otherwise called as  
 (A) characters                      (B) names                      (C) literals                      (D) constants.
34. Which binds the data and its associated functions together?  
 (A) Object                      (B) Class                      (C) Program                      (D) Method.
35. Which members can be accessed from outside the class also ?  
 (A) Private                      (B) Protected                      (C) Public                      (D) Static.

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

36. To create a new presentation using a template, press  
 (A) Alt + Shift + N                      B) Shift + Ctrl + N                      C) Shift + N                      D) Alt + F + N .
37. To start a slide presentation, press  
 (A) F1    (B) F2    (C) F11    (D) F5.
38. To change the slide background, choose  
 (A) File -> page —> Background    (B) Format -> Page -> Background  
 (D) Edit -> Page ~> Background    D) View - Page -Background
39. In StarOffice Impress, to open the style list the key to be pressed is  
 (A) F1    (B) F2    (C) F11    (D) F5.
40. To print in StarOffice, the key combination to be pressed is  
 (A) Alt + P    (B) Alt + F + P    (C) Ctrl + P    (D) Ctrl + F + P.
41. Operator functions must be  
 (A) member function                      (B) friend function    (C) either (A) or (B) .                      (D) function.
42. integral promotions are purely  
 (A) compiler oriented                      (B) computer oriented  
 C) data oriented                      D) program oriented.
43. Which function initializes the class object?  
 (A) Constructor'                      (B) Destructor    (C) Main ( )                      (D) User defined
44. Which constructor is executed when an object is passed by reference to constructor?  
 A) Default    B) Copy    C) Parameterized    D) Non-parameterized
45. Which variables are automatically initialized to zero when they are declared?  
 (A) Auto and Static    (B) Static and Extern    (C) Static and Register    (D) Register and Extern.
46. Extraction or get from operator is  
 (A) >    (B) »    (C) <    (D) «
47. Which of the following is the invalid variable declaration ?  
 (A) int a. b ;    (B) int a; int b;    (C) int a; floatb;    D) int a ; b ;
48. Which creates object files from source code ?  
 (A) Computer    (B) C++    (C) Compiler    (D) Program.
49. What is the error thrown by the compiler for the following snippet ?  
 if (a > b); cunt Greater else cout "Lesser"  
 A) Misplaced if    B) Misplaced else    C) Misplaced if... else    D) Misplaced else ... if
50. Which key combination is pressed to move backward through cells ?  
 A) Tab+F5    B) Shift+F6    C) Shift + Tab    D) Esc.

## PUGAL XII C.S ENGLISH MEDIUM PUBLIC ONE MARK

51. If Table-> Table properties command is used, which one of the following dialog box is opened ?  
 (A) Table properties    B) Format Table    C) Table Format    D) Cell properties.
52. If the length of the document is more than the width, the .orientation is called  
 (A) portrait    (B) default    (C) landscape    (D) both (A) and (C)
53. The default margins for top, bottom and left, right margins are  
 (A) 1.25" 1"    (B) 1", 1.25"    (C) 0.1" , 1"    (D) 1.25" , 1.25"
54. The intersection of rows and columns creates  
 (A) table    (B) cells    (C) address    (D) formula.
55. Which is an application that allows you to send and receive messages over cell phones?  
 (A) SMS    (B) MMS    (C) SSM    (D) MSS.
56. The most common version of e-learning packages is  
 (A) CBT / WBT    (B) CBE / WBE    (D) CB / WB
57. GIF is limited to how many bit palettes?  
 (A) 4    (B) 18    (C) 8    (d) 16
58. AIFF format was developed by  
 (A) Microsoft    (B) AT & T    (C) Apple    (d) Infosys.
59. Shockwave format is used to store multimedia components created using  
 (A) Microsoft    (B) Apple    (C) Paint    (D) Flash.
60. Which statement accomplishes jump from the current loop?  
 (A) Break    (B) Continue    (C) Exit    (D) Quit.
61. Which induces/the reusability of the code?  
 (A) Objects    (B) Classes    (C) Functions    (D) Variables.
62. Which functions execute faster but require more memory space?  
 (A) Inline    (B) strcpy    (C) strlen    (D) strcmp.
63. Which option is invalid when related to functions of C++?  
 (A) Actual parameter can be passed in the form of a constant to be formal parameter of value type  
 (B) The actual parameter can be passed only as variable to the formal parameter of reference type  
 (C) The default value in the formal parameter is given in the form of variable initialization  
 (D) The default value for an argument can be given in between the argument list.
64. What is the scope of the variable a in the following snippet?  
 if(x<y)  
 {  
 int a ;  
 a ++,

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(A) local (B) function (C) file (D) class.

65. Which enables online educational programs leading to diarees and *cenffi*

(A) e - banking (B) e – shopping (C) e - learning (D) Tele-medicine.

66. The expansion of BPO is

(A) Business Pupil Outsourcing (B) Business People Outsourcing  
(C) Business Project Outsourcing (D) Business Process Outsourcirtg

67. Which refers to the conversion of non-digital material to digital form?

(A) Data security (B) pigitization (C) ITES (D) Medical Transcription

68. Which laws prevent computer crimes in <sup>^</sup>ndia?

(A) Cyber (B) *IT* (C) Common (D) Cracking.

69. Computer ethics its roofs in the work of

(A) Charles Babbage (B) Bla'ise Pascal (C) Norbert Wiener (D) BJarne Stroutstrup.

Note ; Read the following C++ snippet carefully and answer Question Nos. 70 and 71 :

```
class simple
```

```
{
```

```
private;
```

```
int;
```

```
public ;
```

```
simple (int y)
```

```
{
```

```
X y;.
```

```
}
```

```
simple()
```

```
{
```

```
}
```

70. What is the name of the constructor?

(A) simple (B) –simple (C) private (D) public.

71. What type of constructor is used in this snippet?

(A) Non-parameterized (B) Copy (C) Parameterized (D) Default.

72. Which is the most powerful feature of an object oriented programming language?

(A) Encapsulation (B) Polymorphism (C) Inheritance (D) Data hiding.

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73. How the derived class should be indicated?
- (A) Class der\_name : visibility mode base class \_id  
 (B) Class der\_name::; visibility moide base classJd  
 (C) Class der\_name; visibility mode base classed  
 (D) Class der\_name, visibility mode, base class \_id.
74. The default visibility mode is
- (A) private (B) protected (C) Public (D) class.
75. Which unit enables data storage and management?
- (A) Archive (B) Memoframe (C) projection TV (D) Robot.

**JUNE - 2010**

1. Choose the correct answer
1. It is interesting to observe that 85% of the computer usage is .....  
 A) word processing B) database C) spreadsheet D) AH of these
2. We can purchase any product, any brand, any quantity from any where through  
 (A) e-market (B) m- shopping (C) e-commerce (D) e.shopping
3. Which refers of the conversion of non- digital material to digital form ?  
 (A) Telemedicine (B) Digitization (C) Data management (D) Teleshopping
4. The two important aspects that must be ensured by the ITES provider are  
 (A) data security and customer privacy (B) customer satisfaction and needs  
 (C) Persona! security and customer satisfaction (D) better look and feel.
5. Which is the illegal access to the network or-computer system?  
 (A) Cracking (B) Virus (C) Piracy (D) Stealing
6. Which is a self replicatkg program that can cause damage to data and file stored on your computer ?  
 (A) Piracy (B) Cracking (C) Virus (D) Ethics
7. The destructor has the same name as that of .the class, prefixed by which character?  
 (A) + (B) ~ (C) \* (D) -

Note: Read the following C++ program and answer Question Nos 8 to 10:

```
class A
{
 int x, y;
 protected;
```

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```
int s,t;
```

```
public.:
```

```
int u, v ;
```

8. The data members that inherit from Class A to Class B are .....
- (A) x, y      (B) s, t      (C) u, v      (D) Both B and C
9. u, v data members contain which visibility mode in Class B ?
- (A) Private      (B) Protected .      (C) Public      (D) Either A or B
10. s, t data members contain which visibility mode in Class B ?
- A) Private      B) Protected      C) Public      D) ?tatic
11. In overloaded function, which are not considered by the C++ compiler as part of the parameter list ?
- (A) Dummy arguments      (B) Actual parameters-      (C) Formal parameters      (D) Default arguments
12. Which operator cannot be overloaded ?
- (a):: size of?      (B) : size of +\*      (C) +-\*?:      (D) + .? size of
13. Which of the following cannot have the same name as the class name?
- (a) Constructor      (B) Destructor      (C) Overloaded constructors      (D) Member functions
14. Which constructor is executed when an object is passed by reference to constructor ?
- (A) Copy constructor      (B) Parameterized constructor
- (C) Non-parameterized constructor      (D) Default constructor.
15. Which of the following is true?
- (A) Constructors can have arguments      (B) A destructor can have arguments
- (C) A destructor has a return type      (D) Constructor returns int type
16. Which has scope or visibility within the class but its lifetime is the lifetime of the program ?
- (A) Data members      (b) Member functions
- (C) Static data members      (d)Constructors
17. Which of the following is true?
- (A) Member function can be defined outside the class also
- (B) Member function cannot be defined outside the class
- (C) Member function must all have same name
- (D) A class cannot have more than three member functions
18. when objects are created,, no separate space-is allocated for .....
- (A) objects      (B) member functions      (c)data member      (D) static members
19. class example
- ```
{
int x,
```

20. In polymorphism, the compiler adopts which strategy to match to match function call statement ?
 (A) Best match (B) Worst match (C) Good match (D) Next match
21. Write () is a member function of
- (A) istream.h (B) ostream.h (C) string.h (D) All of these
22. Memory allotted for int num [2]
 (A) 10 bytes (B) 0 bytes (C) 16 bytes (D) 120 bytes
23. Array parameters by default behave like which parameter?
 (A) Reference (B) Variable (C) Constant (D) Value
24. The binding of data and functions together into a single entity is referred to as
 (A) Data Abstraction (B) member functions (C) Data hiding (D) class
25. Data members are also called as
 (A) attributes (B) Encapsulation (C) methods (D) Inheritance
26. A C++ program has primarily how many sections ?
 (A) 4 (B) 2 (C) 1 (D) 3
27. Which is used to help the compiler to check the data requirements of the function ?
 (A) Header files (B) Function prototype (C) Function Definition (D) Function calling
28. In which method, the called function creates new variables to store the value of the arguments passed to it ?
 (A) Call by value (B) Call by reference
 (C) Actual parameter (D) Formal parameter
29. In C++, what can be assigned to the formal parameters of a function prototype ?
 (A) Default values (B) Default arguments, (C) Values (D) Program
30. Find the output
- ```

#include <iostream.h>
#include <conio.h>
void main ()
{
 int n1 = 10, n2 = &n1
 n2 ++:
 cout << n1:
 (A) 10 (B) 11 (C) 12 (D) 13

```
31. What is the value assigned to x ?
- ```

float x;

```

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int a = 7, b = 3;

x=a (float) b;

- (A) Error (B) 2:33 (C) 2.0 (D) 3.0 ,
32. Which is the insertion or put to operator?
 (A)» (B)« (C)>= (D)<=.
33. Which statement is used to skip a part of loop and start the next cycle of loop ?
 (A) Break (B) Stop (C) Continue (D) Skip.
34. for(i=0;<10; i++)- how many times is this loop executed ?
 (A) Only one (B) Nine times (C) Ten times (D) Not executed
35. Which is linked with libraries to create an executable file ?
 (A) Source code (B) Object code (C) Programs (D) Compiler
36. Which application allows you to send and receive messages over celt phones ?
 (A) Virtual reality (B) Simulator (C) MMS (D) SMS
37. GIF stands for
 (A) Graphic Interface File (B) Graphic Interchange Format
 (C) Graphic Interchange File (D) Graphic Interface Format
38. AH digital cameras have the option to save images in
 (A) Bitmap format (B) WMF format (C) GIF format (D) JPEG format
39. We can add special effects to a sound using the sound editing program
 (A) Forge sound (B) Sound forge (C) Sound merge (D) Sound edit
40. The technique, used to distorting a single image to represent something else is
 (A) Animating (B) Sampling (C) Morphing (D) Warping
41. How many different field types are used in StarOfficeBase ?
 (A) 19 (B)22 (C)20 (D)13
42. To sort the records in the ascending order, select the filed and click on
 (A) Sort Ascending icon (B) Ascending icon (C) Sort icon (D) Sort/Filter icon
43. Filter used with a condition is called
 (A) Auto Fitter (B) Default Filter (C) Query (D) Sorting
44. To remove the fitter, click on which icon ?
 A) Delete (B) Remove (C) Delete Filter/Sort (D) Remove Filter/Sort
45. To copy the selected celt range in text document select which option in the paste special dialog box ?
 (A) Paste (B) DDE link (C) OLE link (D) Link
46. The command that is used to create a new Impress presentation from within any StarOffice application is

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- (A) File → New → Presentation (B) File → New → Star-Office Impress
 (C) File → Presentation (D) File → New → StarOffice Presentation
47. The shortcut used to create a new presentation using a template is
- (A) Ctrl + N (B) Alt + Ctri + N (C) Shift + Ctrl + N (D) Shift + Alt + N
48. Which view allows you to view miniature images of all the slides in presentaion ?
- (A) Normal (B) Outline (C) Notes (D) Slide Sorter
49. To insert a slide, choose
- A) Slide -Insert B) Insert → Slide C) Format → Slide Insert D) Presentation Slides
50. To move from siide to slide quickly choose
- A) File ~> Navigator B) Format –Navigator C) Edit → Navigator D) View → Navigator
51. Which function key is pressed to edit the contents of a cell ?
- (A) F3 (B) F2 (C) F7 (D) F5
52. Which of the following comparative operators is meant for'inequality'?
- (A)<= (B)>= (C)<> (D)=
53. The cell B4 becomes absolute when you enter
- (A)\$B\$4 (B)B\$4\$ (C)\$B4\$ (D) B \$ \$ 4
54. In StarCalc, to change the column width in a worksheet select ?
- (A) Format-> Column -> Width (B) Table--^Column-> Widh
 (C) Format -> Width --> Column (D) Tools -> Column -> Width
55. A continuous group of ceils in a worksheet is called as
- (A) column (B) row (C) range (D) address
56. Which is a template for entities that has common behaviour ?
- (A) Class (B) Object (D) Instance (D) Inheritance
57. A group of data and operations together are named as
- (A) object (B) variable (C) function (D) data
58. Which constant contains a single character enclosed within single quotes?
- (A) Integer (B) Character (C) Float (D) Double
59. Ternary operators require how many operands?
- (A) One (B)Two (C) Three (D) Four.
60. Relational operators have tower precedence than
- (A) Arithmetic operators (B) Relational operators
 (C) Logical operators (D) Boolean operators
61. Which icon generates a scrolling screen within a worksheet?
- (A) Insert Formula (B) Insert Floating Frame

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- (C) Insert Movie and Sound (D) Insert OLE Object
62. The term data comes from the word
- (A) File (B) Record (C) Datum (D) Fields.
63. Each row in a table represents a
- (A) File (B) Table (C) Data (D) Record
64. The common field of fields is / are called
- (A) Primary key (B) Secondary key (C) Index key (D) Keys
65. To create a new table in StarOfficeBase, the command used is
- (A) Table -> Insert (B) Insert -> Table Design
(C) Format —> Table Design (D) Table -> Table Design
66. In spell check dialog box, the button to be clicked to add a new word to the dictionary is ...
- (A) OK (B) Add (C) Insert (D) Add Dictionary
67. The simplest way to add a row in the last row of table, press.....
- (A) Alt (B) Ctrl (C) Tab (D) Shift
68. If the width of the documents is more than the length, then it is called
- (A) page orientation (B) portrait (C) landscape (D) paper format
69. Which Command is used to insert page numbers on every page ?
- (A) Insert -Filed --Numbers (B) Insert --Number -.Field
(C) Insert —> Filed -Numbers (D) Insert —>Page Numbers —> Filed
70. How many columns are there in VisiCalc ?
- (A) 254 (B) 63 (C) 32000 (D) 256
71. The flashing vertical bar in StarOffice Writer is called \.....
- (A) Insertion point (B) End of document marker (C) Cursor (D) Insertion bar
72. To select the Entire document press
- (A) Shift + A (B) Alt + A (C) Ctrl + A (D) Ctrl + Alt + A.
73. Which type. of font is suited for decoration ?
- (A) Anal (B) Times New Roman (C) Fajita (D) Business
74. The size of the font is measured in
- (A) Points (B) Circles (C) Rectangles (D) Numbers
75. If the value of first tine spin box in the parahraph dialog box is negative, it will create
- (A) Indent (B) Hanging Indent (C) First line Indent (D) Left Indent

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Time : 3 tirs.

PART - I(Answer all questions)

I. Choose the correct answer :.

1. CBT stands for

- (A) Computer Based Tuition (C) Computer Based Transaction
 (B) Computer Based Tutorials (D) Computer Based Technology.

2. BPO stands for

- (A) Business Program Outsourcing (B) Business Procedure Outsourcing
 (D) Business Process Outsourcing. (C) Business Practice Outsourcing

3. Which is the key for effective and profitable use of IT in organizations ?

- (A) Data Digitization (B) Data Management
 (C) Data Archiving (D) Data Transcription.

4. Making and using duplicate hardware and software is called

- (A) Cracking (B) Freeware (C) Piracy (D) Stealing.

5. Software setups that permit only authorized access to the system is referred as

- (A) Physical security (B) Personal security
 C) Personnel security D) Private security.

6. How many destructors a class., can have?

- (A)1 (B)2 (C)3 (D)4

7. The destructor has the same. name as that of, the class prefixed, by the character

- (A); (B)- (C)# (D)::

8. The most powerful feature of an object oriented! programming language is

- (A) Encapsulation (B) Polymorphism
 (C) Data abstraction (D) Inheritance.

9. The class from which other classes are derived is called

- (A) Base class (B) Main class (C) First class (D) Major class.

10 Classes used only for deriving other classes are called

- A) concrete classes B) abstract classes C) private classes D) Public classes

11. Which of the following permits banking from the comfort of the home by using internet facilities ?

- (A) e'Banking (B) e-Shopping (C)e-Commerce (D) e-Business
-

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12. The function operator () is declared in which part of the class?
 (A) public (B) private (C) protected (D) static-
13. Which of the following statements is false in case of operator overloading?
 (a) Only existing operators can be overloaded (B) The basic definition of an operator can be replaced
 (C) The overloaded operator must have at least one operand of user defined type
 D) Binary operators overloaded through member .function take one explicit argument. -.
14. Which of the following functions .gets executed, when an instance of a class comes into scope ?
 (A) main () function (B)-Constructor C) friend function D) Destructor.
15. Which of the following constructors is executed when a member function returns an object?
 (A) Copy constructor (B) Default constructor
 (C) Compiler generated constructor (D) Non-parameterized .constructor.
16. Which members of a class can be, accessed by the members of inherited class ?
 (A) public (b) protected (C) private (D) static.

Read the following C++ program carefully and answer the questions from 17to19

```
# include<iostream.h
# include<conio.h
class item
{
    int code, quantity;
    float price;
    void getdata ()
    {
        cout"\nEnter code, quantity and price:";
        cin code quantity price;
    }
protected:
void compute ()
{
    if (quantity 100)
        tax=2500;
    else
        tax =1000;
}
```

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```

        public:
float tax;
void putdata (

        cout"\nCode:"code;
        cout"\nQuantity " quantity ;
        cout"\nPrice : "price;
        cout"\nTax : "tax,

void main (

        item

        }

```

17. Memory allocation for instance is

(A) 12 bytes (B) 10 bytes (C) 8 bytes (D) 16 bytes.

18. public data member in the above class definition is

(A) code (B) quantity (C) price (D) tax.

19. Method that can be accessed by object "i" is .

(A) getdata () (B) compute () (C) putdata () (D) quantity ();

20. Which of the following, C++ operators can be overloaded ?

(A); (B) (C)?: (D)+

21. Determine the number of elements in the following declaration: int a [10] [12];

(A) 22 (B) 10 (C) 120 (D) 240

22. To treat spaces as part of string literal, one has to use

(A) scanf() (B) cout() (C) cin () (D) gets ()

23. A character array should be terminated with a

(A),\n (B)/0 (C)\n- (D)/n

24. The private members of a class can be accessed by special functions called

(A) static functions (B) private functions (C) friend functions (D) public functions

25. Member functions of a class are called

(A) Procedures (B) Methods (C) Attributes (D) Sub-programs

26. The machine readable form of a program is called

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- (A) source file (B) object file (C) executable file (D) assembly file
27. Parameters that are associated with function call statement are
(A) formal parameters (B) actual parameters (C) local parameters (D) global parameters.
28. The default returning type of a function in C++ is
(A) char (B) float (C) int (D) void
29. Which of the following is called scope resolution operator?
(A). operator (B):: operator (C) : operator (D), operator
30. Which of the following is a valid function prototype?
(A) float average (a,b); (B) float product(inta, b);
(C) int fun (int a, int b, double pi = 3. 14); (D) int display (inf a = 2, int b);
31. The range of 'int' data type in C++ is
(A) - 32768 to + 32768 (B) - 32767 to + 32767
(C) - 32767 to + 32768 (D) - 32768 to +32767
32. The declarations for the object cin are available in a header file called
(A) stdio. h (B) cbnio.h (C) istream.h (D) string.h
33. Which of the following is called the extraction operator ?
(A)< (B)<< (C)> (D)>>
34. Which statement forces the next iteration of the loop-to take place, skipping any cod in the current iteration ?
(A) Brea!^ (B) Continue (C) Default (D) Exit.
35. The appropriate declaration statement to initialize trie variable 'name' with the value 'Abdul- Kalam' is
(A) char name = "Abdu! Kaiam"; (B) -char [] name = "Abdul Kalam";
(C) char name []== Abdul Kalam; (D) char name {}== "Abdul Kalam".
36. GIF stands for
(A) Graphic International Format (B) Graphic Interchange Format
(C) Graphic Information Format (D) Graphic Institution Format
37. Conversion of-analog sound waves into digital format is called
(A) Warping (B) Sampling (C) Morphing (D). Streaming.
38. The AVi torn'at was developed by
(A) Apple (B) IBM (D) Macromedia (D) Microsoft.
39. Which of the .following tags is not used to launch helper applications ?
(A) <embed> (B) <appiet> (C) <form> (D) <object>
40. Fifes in. the Quick Time format have the extension as

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(A) mov (B) .wmv (C) -wav (D) .swf

41. A screen that displays data for a single record is called a

(A) Table (B) Form (C) Query (D) Report.

42. The process of selecting a desired specific data from a database is called

(A) Searching (B) Sorting (C) Filtering (D) Editing.

43. In StarOffice Base, which of the following icons is used to display the records in the original order?

(A) Standard Filter icon (B) Remove Filter/Sort icon.
(C) Auto Filter icon (D) Default Filter icon

44. SQL is expanded as

(A) Structured Quick Launch (B) Sorted Query Language
(C) Structured Quick Language (D) Structured Query Language.

45. To insert Calc cell range into a text document, use the command

(A) Edit -> Paste Special (B) Edit-> Copy Special
(C) Edit -> Paste (D) Edit -> Paste Cell.

46. How many options are displayed in the first page of the Presentation Wizard in StarOffice Impress?

(A) 4 (B) 3 (C) 2 (D) 5.

47. Which view allows you to reorder slides, edit slide titles and headings ?

(A) Normal view (B) Handout view (C) Notes view (D) Outline view.

48. To insert a picture in a slide, choose

(A) Insert -> Picture -> From file (B) Insert -> Picture
(C) Insert -> Picture file- (D) Insert -> From file -> Picture

49. In StarOffice Impress, the menu used to open Media player window is

(A) Tools (B) Insert (C) View (D) Format.

50. Which window allows us to quickly jump from one slide to other slide or move between open files?

(A) Styles and Formatting window (B) Custom Slide show window
(C) Navigator window (D) Slide design window.

51. Which of the following is an exponentiation operator in StarOffice Calc?

(A) % (B) ^ (C) * (D) /

52. A continuous group of cells in a worksheet is called a

(A) Table (B) Column (C) Range (D) Row.

53. A cell address can be made absolute by using the sign

(A) # (B) \$ (C) @ (D) %.

54. In StarOffice Calc, the command used to change the column width of the selected columns is

(A) Format -> Column Width (B) Edit -> Column Width

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- C) Format -> Column ~> Width (D) Edit -> Column -> Width.
55. Which of the following refers to the files that you create with spreadsheet software ?
(A) Text document (B) Database (C) Data sheet (D) Worksheet
56. A kind of self sufficient subprogram with a specific functional area is called
(A) Class (B) Object (C) Structure (D) Array.
57. Which of the following reduces software complexity in Object Oriented Programming?
(A) Encapsulation (B) Polymorphism (C) Inheritance (D) Abstraction.
58. C++ was developed by
(A) Dennis Ritchie (B) Norbert Wiener (C) Bjarne Stroustrup (D) James Gosling.
59. Which of the following is an invalid identifier ?
(A) test (B) sum 12 (C) new (D) reg-no
60. Which of the following modifiers increases the bytes for a particular data type ?
(A) Short (B) Long (C) Unsigned (D) Signed.
61. Which of the following icons is used to insert objects from other application into a worksheet ?
(A) Insert Plug-In icon (B) Insert OLE object icon
(C) Insert Applet icon (D) Insert Floating Frame/icon.
62. A set of processed data is called
(A) Datum (B) Information (C) Database (D) Procedure.
63. A repository of collections of related data or facts is called a / an
(A) Datum (B) Pile (C) Database (D) Information.
64. Which database structure, is characterized by parent - child relationships among record types?
(A) Flat File database (B) Relational database
(C) Hierarchical database (D) Network database.
65. Which of the field properties is used to specify the maximum characters that can be entered in the field in StarBase ?
(A) Length (B) Width (C) Size (D) Limit.
66. The command used to create a table in a text document is
(A) Table -> Insert -> Table (B) Table -> InsertTable
(C) Table > New -> Table (D) Table-Create -> Table
67. In StarOffice. Writer, the key combination used to move backward through the cells of a table is
(A) Alt + Tab (B) Shift + Tab (C) Tab (D) Ctrl + Tab.
68. The default value for left and right margins of StarOffice writer document is

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- (A) — inch (B) 1 inch (C) 1.25 inches (D) 1.5.-Inches.
69. In StarOffice Writer, the command to open the Page Style dialog box is
 (A) File -> Page (B) Edit -> Page c) View -> Page D) Format -> Page
70. The spreadsheet package 'StarOffice Calc' was developed by
 (A) Microsoft Corporation (B) Borland International
 (C) Lotus Corporation (D) Sun Microsystems.
71. The thick horizontal line in the page area is called
 (A) End - of- paragraph marker (B) End-of-page marker
 (C) End-of-document marker (D) End-of-line marker
72. In StarOffice Writer, the menu used to switch between multiple documents is
 (A) File (B) Edit (C) View (D) Window.
73. The keyboard shortcut for the centre alignment of selected paragraph is
 (A) Ctrl + L (B) Ctrl + R' (C) Ctrl + E (D) Ctrl + J.
74. In StarOffice Writer, the menu used to apply different styles for the bullets and numbers is
 (A) Edit (B) View (C) Insert (D) Format.
75. 'In StarOffice Writer, to create AutoCorrect entry, the command used is
 (A) Edit -> Autocorrect (B) Tools-> Autocorrect
 C) Format-> Autocorrect D) .Insert -> Autocorrect

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I. Choose the correct answer :

- Which operator is used to refer range in StarOffice Calc?
 (A) : (P)! (C)& (d)^
- Which is a type of query in StarOffice Base ?
 (A) Table (B) Forms C) Filter (d) Report.
- Each column in StarOffice Base table represents
 (A) File (B) Table c) Field (D) Record.
- Which database is primarily used on Mainframe Computer?
 (A) Flat File (B) Relational (C) Hierarchical (D) Object oriented.
- Which of the following is not a step in Data Processing ?
 (A) Collection (B) Network C) Verification D) Validation.

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6. In C++ the ability of an object to respond differently to different messages is called as
(A) Inheritance (B) Polymorphism (C) Object (D) Encapsulation.
7. Which of the following is an object oriented programming ?
(A) C++ (B) C (C) BASIC (D) FORTRAN.
8. Where was C++ developed ?
(A) AT & T Bell Lab (B) Microsoft (C) Sun Micro System (D) Apple.
9. Value of $1 + \text{Pow}(3, 2)$ is
(A) 7 (B) 6 (C) 10 (D) 13.
10. Which are also called variables ?
A) String Literals B) Tokens C) Identifiers D) Keywords.
11. Which of the following is a user defined data type?
(A) Public (B) Private (C) Protected (D) Class.
12. The members defined within the class behave like which functions?.
(A) Static (B) Friend (C) Inline (D) Derived.
13. The static member variable is initialized to
(a) 0 (B) 1 (C) 2 (D) 3
14. The body of the class is terminated by
(A) (comma) (B) : (colon) (C) ; (Semi - colon) (D) () (parenthesis)
15. Which of the following operators can be overloaded?'
(A) Size of () (B) :: (C) ++ (D) (.) membership operator:
16. In StarOffice Writer the flashing vertical bar is called
(A) Pointer (b) Marker (C) Insertion Point (D) Key.
17. Which key is used to move the insertion point to the beginning of the document ?
(A) Home (B) Page up (C) Ctrl + Home (D) Shift + Tab.
18. An inch is equal to
(A) 75 points (B) 74 points (C) 80 points (D) 72 points.
- 19 Which is a decorative Font?
(A) Times New Roman (B) Fajita (C) Wingdings (D) Symbol.
20. Which key is used to select the spelling check dialog box?
(A) F6 (B) F7 (C) F5 (D) F4.
21. Default format for date in StarOffice Calc is
(A) dd / mm / yy (B) mm / dd / yy (C) mm/yy/dd (D) yy/mm/dd.
22. In StarOffice Calc the formula starts with
(A) \$ (B) & (C) = (D) !

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23. Which is the default type of cell address used, by StarOffice Calc ?
 (A) Relative cell addressing (B) Absolute cell addressing
 (C) Primary cell addressing (D) Relational cell addressing.
24. Which is the most commonly used function in StarOffice Calc?
 (A) SQRT () (B) SUM () (C) AVERAGE () (D) POW ().
25. Which symbol is used to make a cell address absolute?
 (A)'. (B)# (C) \$ (D) &.
26. How many types of databases does StarOffice Base have?
 (A) 4 (B) 13 (C) 8 (D) 5.
27. Which command is used to open StarOffice Base ?
 (A) File -> New -> Database (B) New - File -> Star Base
 (C) View -> Database (D) File - StarOffice Base.
28. SQL means
 (A) System Query Language (B) Structured Query Level
 (C) Structured Query Language (D) Specific Query Language,
29. Which of the following is not a valid field type in StarOffice Base ?
 (A) Text (fix) (B) Project (C) Time (D) Integer.
30. The set of processed data is called
 (A) Data (B) Data Processing (C) Database (D) Information.
31. Which of the following is called as literals?
 (A) Strings (B) float (C) int (D) char.
32. The size-of array should always be
 (A) negative (B) positive (C) float (D) double.
33. The array subscripts always commence from
 (A) one (B) two (C) three (D) zero.
34. Data members are called as
 (A) attributes (B) methods (C) class (D) object.
35. In C++ the class variables are known as
 (A) Members (B) Objects (C) Methods (D) Attributes.
36. Which among the following is used to display various transition effects that can be attached to a slide ?
 (A) Custom animation (B) Slide transition (C) Animation effects (D) Slide sorter
37. The keyboard shortcut to create a new presentation using template is
 (A) Ctrl + N (B) Ctrl + F + N (C) Alt + N (D) Shift + Ctrl + N.

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38. Which view allows to create and edit slides ?
 (A) Notes (B) Handouts (c) Normal D) Slide sorter.
39. Which is used for performing calculations in presentation ?
 (A) Insert formula (B) Insert OLE object
 (C) Insert Applet (D) Insert object.
40. Which key is pressed to start a presentation ?
 (A)F2 (B)F5 (C)F7 (D)F11.
41. In how many ways is polymorphism achieved in C++?
 (A) 2 (B)3 (C)1 (D)4.
42. How many explicit argument(s) is/are taken by binary operators overloaded through a member function ?
 (A) one (B) Two (C) Three (D) Six.
43. Which of the following has no return type and cannot be overloaded ?
 (A) Constructor (B) Destructor (C) Function (D) Operator.
44. The memory space is allocated to an object using
 A) Constructor (B) Destructor (C) Overloading (D) Function.
45. The destructor is prefixed by which character?
 (A) # (B) & (C)% (D)-
46. How many types of storage specifiers are there in C++ ?
 (A) 3 (B)»2 (C)5 (D)4.
47. Which of the following is called the insertion operator?
 (A)« (B) » (C)> (D) <
48. A preprocessor directive starts wit
 (A) < (B) # (C)« (D) »
49. Which of the following is called exit-check loop?
 A) do..While (B) for (C) while (D) switch.
50. Which statement would exit the current loop ?
 A) Break (B) Continue (C) Quit (D) Exit.
51. Which command is used to add the erross and its correction in the Auto correct list ?
 (A) Tools -> Auto Correct (B) Tools -> Auto Spell-Check
 C) Format-> Spell Check (D) Tools -> Spell Correct.
52. Which command is used to delete the selected table ?
 (A) Format -Delete -> Table (B) Format -> Column -> Delete
 (C) Format -> Row -> Delete (D) Table -> Delete ->Table

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53. To move forward through -the cells press
 (A) Tab (B) Shift + Tab (C) Ctrl + Tab (D) Alt + Tab.
54. The default left and right margins in StarWriter are
 (A) 1 inch (B) 2.25 inches (C) 1.25 inches (D) 3.25 inches.
55. Dan BricHin and Bon Frankston invented
 (A) StarOffice Catc (B) LOTUS 1-2-3 (C) Quatro Pro (D) Visi Cafe.
56. Files in qu'cktime format have the extension
 (A) qtf (B) .mov (C) .qft (D) .swf
57. Snd format was- developed by .
 (A) Apple (B) IBM (C) MPEG (D) Microsoft.
58. Which techmqe is used to blend two or more images to form a new image?
 (A) Rendering (B) Warping (C) Morphing (D) Animating.
59. Frequency is a'so called as
 (A) Pitch (B) Crest (C) Sampling (D) Sound,
60. GIF is limited to how many palettere ?
 (A) 16 bit (8)8 bit (C) 32 bit (D)64 bit
61. The machine readable form of a program is cajled as
 (A) source code (B) object file (C) compiler (D) executable file.
62. The function that returns no value is declared as
 (A)int (B)char (C) float (D) void.
63. Parameter associated with call statement is called
 (A) actual (B) dummy (C) function (D)fomnal.
64. The function name may include a set of parameters, enclosed in parenthesis separated by
 (A); (B), (C): (D)::
65. How many types of scopes are there in C ?
 (A) 3 (B)5 (C)4 (D)6.
66. Computer Ethics - has its roots in the work of
 (A) Donn Parker (B) Rick Mascitti (C) BjameStroustrup (D) Norbert Wiener
67. Which enables data storage and management?
 (A) Emotion containers (B) Memo frame
 (C) Data monitors (d) Archive unit.
68. BPO means
 (A) Business Process Outsourcing (B) Business Process Office

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3. A function can be called or invoked from another function by using its
A) address B) object C) class D) name.
4. Which executes faster but requires more memory space?
A) Functions B) Inline functions C) Objects D) Classes.
5. In which method any change in formal parameter is not reflected back to the actual parameter?
A) Call by reference B) Function call C) Call by value D) Call statement
6. When the first object of its class is created, what value is initialised to static member variable?
A) 1 B) 0 C) -1 D) Null.
7. In C++, objects of a class are also called as
A) constants B) instance C) tag D) datatype.
8. Members of a class are accessed using which operator?
A) colon B) dot C) scope resolution D) semicolon.
9. Which is the key feature of object oriented programming?
A) Encapsulation B) Data hiding C) Polymorphism D) Inheritance.
10. Polymorphism is achieved through
A) function overloading b) operator overloading C) both (A) and (B) D) encapsulation
11. Which language is used to query the database?
A) C++ B) SQL C) HTML D) DBMS.
12. Which key is used to uniquely identify a record in a database table?
A) Primary key B) Standard filter C) Tertiary key D) Unconditional filter.
13. Filter used with a condition is called
A) Auto filter B) Conditional filter C) Secondary key D) User key.
14. Which amongst the following consists of usable sets of data?
A) Form B) Field C) Information D) Record.
15. Example for flat-file database is
A) word processor B) presentation C) animation D) spreadsheet.
16. Which is very useful for correcting the spelling of the commonly misspelled words?
A) Auto spell check icon B) Replace all
C) Change all D) Autocorrect option.
17. Table — Table properties command displays which dialog box?
A) Table B) Table properties C) Table format D) Table insert.
18. Which key is pressed to move forward through the cells?
A) Tab B) Shift + Tab C) End D) Home.
19. The default left and right margins in StarOffice Writer is

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- A) 1 inch B) 1.25 inches C) 2.25 inches D) 1.5 inches.
- 20.The conversion of analog sound waves to a digital format is
A) Sampling B) Multimedia C) Animation D) Compression.
- 21.AVI format was developed by
A) IBM B) Apple C) Macromedia D) Microsoft-
- 22.Helper application is also called as
A) Plug-in B) C) video D)
- 23.Text document can be created using
A) StarOffice Calc B) C) StarOffice Base D)
- 24.To move the insertion point to the beginning of the line press
A) End key B) Home key C) Up Arrow key D) Down arrow key.
- 25.Which of the following is true, to change the fonts in StarOffice Wh'ter?
A) Format — Character B) Insert — Font C) View—Font D) Format—Font.
- 26.One wayTo set off a list of points or topic in a document is
A) Line Space B) Paragraph Alignment C) Bulleted List d) Q Styles.
- 27.To skip all occurrences of the misspelt word in spell check which button is clicked?
A) Change all B) Ignore all C) Not in dictionary D) Skip all.
- 28.Which command is used to generate a series?
A) File -> Fill ~-> Series B) Edit -> Fill -> Series
C) Tools -> Fill -> Series D)..View ~> Fill -> Series.
- 29.Facility by which users can define their own sophisticated data type is
A) Primitive data type B) Built-in data type C) User defined data type D) Derived data type.
- 30.Each row and column in a table represent
A) Record, Field B) Data, Field C) File, Field D) Data, Record.
- 31.Which is the process of arranging the data in a table in some specific order?
A) Merging B) Filtering C) Searching D) Sorting.
55. Which is a printed information that is assembled by gathering data based on user supplied criteria?
A) Form B) Report C) Chart D) Formula.
56. How many storage specifiers are there in C++ ?
A) 2 B) 4 C) 3 D) 5.
57. Which is a predefined object that corresponds to standard input stream?
A) istream B) cout C) cin D) header.
58. In C++, which should be declared or defined before they are used in a program?

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- A) Datatype B) Variable C) Objects D) Class.
59. In C++, which is a multiple branching statement?
A) for B) if C) switch D) while.
60. The variable used in for loop is called
A) static variable B) counting variable C) control variable D) for variable,
61. In C++, array is of which data type?
A) Built-in B) User defined C) Predefined D) Derived.
62. cin>>num[3]; reads which element?
A) Fourth B) Third C) Second D) First
63. Which function returns the number of characters stored in an array?
A) striet() B) strcpyQ C) strlen() D) stremp().
64. The members that are declared as, what can be accessed only from within the class are
A) public B) private C) protected D) public, private.
65. Which operator is used to define function outside a class?
A) ; B) : C) :: D) ?:
63. The keys used to create a new presentation using template
A) Cfrl+N B) Shift+CM+N C) Shift+N D) AH + Ctrl + N.
67. Which view in StarOffice impress that allows you to view miniature images of all the slides?
. A) Normal . B) Outline C) Notes d) Slide Sorter.
68. Which can be used to specify basic background information to be included in all the slides?
A) Layouts B) Master page C) Custom animation D) Slide transition.
69. Which key is used to assign presentation styles?
A)' F5 B)F7 C) F11 D) F9.
70. Which amongst the following helps the user to move from slide to slide quickly?
A) Home +Arrow keys B) Automatic C) Navigator D) Slide sorter.
71. Which is a Spreadsheet program?
A) StarOffice Impress B) Improve C) Lotus Amipro D) Flash.
72. The date format in Spreadsheet is
A) DD/MM/YY B) YY/MM/DD C) MM/DD/YY D) DD/MM.
73. The Syntax of formula in the formula bar begins with
A) = B) . C) . D) /
74. The reference operator in StarOffice Caic is
A) - B) , C) • D) %

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75. A continuous group of cells in a worksheet is called

- A) formula B) range C) rows D) columns.

Choose the correct Answer:

1. Which menu is used to switch between documents in StarWriter?
A) File B) Edit C) Window D) Insert
2. What is the shortcut key to cut text in StarWriter?
A) Ctrl+C B) Ctrl+V C) Ctrl+M D) Ctrl + X
3. How many points to an inch for font size in StarWriter?
A) 72 B) 64 C) 73 D) 48
4. The named set of defaults for formatting text in StarWriter is
A) Indenting B) Style C) Highlighting D) Hanging indent
5. Which key is pressed to select the spelling command in StarWriter?
A) F7 B) F1 C) F2 D) F6
6. Which displays any alternate spelling in the spell check dialog box in StarWriter?
A) Choices B) Not in dictionary C) Dictionary D) Suggestions
7. Which key is used to move backward through cells in a table in StarWriter?
A) Tab B) Shift + Tab C) Enter D) Ctrl + Tab
8. In StarWriter, the simplest way to add a row in the last row of the table in the document is
A) Ctrl B) Tab C) Shift + Tab D) Alt.
9. In StarOfficeWriter, the command to insert page numbers in the footer area of the document is
A) Insert -> Page number B) Format -> Page Number
C) Insert-> Fields Number D) Insert- Fields -> Page Number
10. The number of rows in Visicalc is
A) 64 B) 256 C) 254 D) 255
11. Which amongst the following is used to display the current cell and its content in StarCalc?
A) Formula bar B) Function bar C) Status bar D) Object bar

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12. Which is the reference operator in StarOffice Calc?
A) % B) & C) ^ D) !
13. The predefined formulae available in StarOffice Calc is called
A) function B) autoformat C) address D) autofill
14. In StarCalc. which menu contains Auto Format?
A) File B) Edit C) Format D) Style
15. In StarCalc, to begin with in a worksheet, the cell pointer is always in
A) BA B) A1 C) AB D) 1A
16. In StarCalc, amongst arithmetic operators which one of the following is executed first in the rules of precedence?
A) Exponentiation B) Negative C) Multiplication & division D) Addition & subtraction
17. In StarBase. the process of limiting the information that appears on the screen is
A) sorting B) querying C) searching D) filtering
18. Which database contains only one table in StarBase?
A) Hierarchical B) Relational C) Flat-file D) object-oriented
19. In StarBase, filter used with a condition is called
A) Autofilter B) Default filter C) Query filter D) Condition filter
20. In StarBase, how many field types can be used?
A) 20 B) 14 C) 18 D) 15
21. SQL is an acronym for
A) Structured Quick Language B) Structured Query Language
C) Sorted Quick Language D) Sorted Query Language
22. The screen that displays the fields of a record in a well spaced out manner in StarBase is
A) Report B) Filters C) Query D) Form
23. In StarBase, each column in a table represents
A) Record B) Field C) File D) Database
24. In StarBase, which one of the following is not a process in editing the database?
A) Adding new record B) Changing format of the database
C) Calculating result D) Deleting existing data
25. In StarBase, a small triangle on the left-most column of the table is called
A) insertion point B) field-pointer C) table pointer D) record pointer
26. GIF is limited to
A) 4-bit palette B) 6-bit palette C) 8-bit palette D) 16-bit palette

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27. Which file format supports full colour and produces relatively small size files?
A) GIF B) NxView C) JPEG D) BMP
28. Which tag is used to add inline sound?
A) <bgsound> B) <bgobject> C) <embed> Q) <applet>
29. The conversion of analog sound waves to digital format is called
A) morphing B) rendering C) modeling D) sampling
30. Reducing (he frame count to less than how many frames per second causes the video to, look jerky?
A) 7 B) 15 C) 28 D) 30
31. How many options are displayed in the first page of the presentation wizard to create an empty presentation?
A) 4 B) 2 C) 3 D) 5
32. Which button is to be clicked to create a new presentation using a template?
A) Shift+Ctrl+0 . B) Shift+Ctrl+N C) Shift+0 D) Shift+N
33. Which key a used to stop the presentation before the end?
A) Enter B) Backspace C) Escape D) F5
34. Which key is used to open style list in presentation?
A) F2 B) F5 C) F6 D) F11
35. Which view allows you to create and edit slides?
A) Notes B) Outline C) Normal D) Handouts
36. Which is a kind of a self-sufficient "subprogram" with a specific functional area in C++ ?
A) Object B) Encapsulation C) Data hiding . D) inheritance
37. Which is a template for entities that have common behaviour in C++ ?
A) Object B) Class C) Behaviour D) Polymorphism
38. Which one of the following is not a keyword in C++ ?
A) Inline B) This C) Struct b) Test
39. 0.5864E1 represents
A) 5.864 B) 0.05864 C) 58.64 D) 0.5864
40. Which amongst the. following called address of operator in-C++ ?
A) :: . B) # C) & D) *
41. Data types can be classified into how many types in C++?
A) 2 ' B) 3 - C) 4 . D) 5 :
42. The invalid variable declaration statement in. C++ in the following is

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- A) inta.b; B)inta = 10; float b;
C) inta;b; D) inta, float b 10;
43. Which of the following is the extraction or get from operator in C++ ?
A) « B) » C) <> D) #
44. Which is a mu'tiple branching statement where, based on a condition, the control is transferred to one of the many possible points?
A) if B) switch C) do D) for
45. Which one of the following ss exiUcheck loop in C++ ?
A) do while B) while loop C) for D) switch
46. Which statement is used to terminate the loop irrespective of the expression in C++ ?
A) exit B) continue C) while D) break
47. Which of the following is starting point for the execution of a program?
A) main () B) function C) #include D) header
48. Declaration of a function in C++ is made through
A) function call . B) passing parameters .
C) .function prototype D) argument
49. Which amongst the following can on!y be passed to f9rml parameters of reference type in C++?
A) Constants B) Variables C) Expressions C) Values
50. Which variable is defined within a block in C++ ?
A) local B) function C) file D) class
51. A character array or string should be terminated by .
A) '\b' B) '\n' C) '\o' . D) '\f'
52. Which amongst the following is used to copy source string to target string in C++?
A) strcpy () B) strcpy () C) strcat () D) strcmp ()
53. In the array, int safes [2] [4]; the first row and second column is
A) sales [1] [2] B) sales [2] [1] C) sales [0] [1] D) sales [1]
54. The body of a class is terminated by
A) i B) { C) ! D) &
55. If visibility label is not mentioned, the class member is treated "as
A) private B) public C) protected D) static
56. Which one of the following is called the scope resolution operator in C++ ?
A) :: B) : C) . D) :.?
57. Which statement can -be reas as stud is an instance of object of the Class student?

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A) stud student; B) class student stud; C) class student (stud); D) student stud;.

58. The members of a class can be accessed using which operator?

A) + B) size of C) new D) (dot)

59. Data members of a class are also called as

a) functions B) objects C) attributes D) values

60. In C++, polymorphism is achieved through .

A) overloading B) prototyping C) inheritance D) encapsulation

61. In C++, each overloaded function must differ either by the number of

A) function name B) actual parameter
C) default parameter D) formal parameter

62. The mechanism of giving special meaning of an operator in C++ is called

A) function overloading B) operator overloading
C) function prototype D) argument overloading

63. Which function returns nothing in C++?

A) conio.n B) friend C) constructor D) istrearri.h

64. In C++, the destructor has the class name prefixed by which character?

A) # B) & C) * D) -

65. The construction add (add & a) is

A) default constructor B) non-parameterized construction
C) compiler generator constructor D) copy constructor

66. How many destructors can a class contain?

A) 1 B) 2 C) 3 D) 4

67. Which is executed in the order of inherited class?

A) member functions B) destructor C) constructor D) data members

68. When a derived class inherits only from one base class, it is called

A) multiple inheritance B) hybrid inheritance C) single inheritance D) multilevel inheritance

69. Access specifier is also called as

A) specifier B) visibility mode C) abstract D) instance

70. Electronic pet is

A) Kara-oke B) Robot C) E-mail D) E-Pet

71. The expansion for CBT is

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- A) Calculator Based Tutorials B) Common Business Toot
 C) Computer Based Tutorials D) Computer Based Tool
72. How many steps are there in medical transcription?
 A) 1 B) 3 C) 4 D) 5
- 73- Which is a special device that converts users speech into aJet^r?
 A) Kara-Oke B) BFSI C) Data Management D) Dictaphone
74. Making and using duplicate hardware and software is
 A)cracking B) piracy C) virus D) illegal access
75. ITES stands for
 A) IT Environmental Studies B) IT Enabled Services
 C) IT Evolution Studies D) IT Enabled Studies
-

JUNE -2012

Choose the correct Answer:

1. Which consists of several applications?
 A) StarOffice Base B) StarOffice C) StarOffice Writer D) StarOffice Calc.
 2. The shortcut key used to move to the beginning of a document is
 A) Shift+Home B) Home+Enter C) Ctri+B D) Ctrl+Home.
 3. Which key is used to delete the characters to the right of the insertion point?
 A) backspace B) delete C) spacebar D) enter.
 4. In StarOffice Writer the size of the font is measured in
 A) points B) inches C) bytes D) size.
 5. Which includes a dictionary and a spellcheck program?
 A) StarOffice Calc B) StarOffice Writer
 C) StarOffice Impress D) StarOffice Base.
 6. Which of the following is a grid with a specified number of columns and rows in StarOffice Writer?
 A) Cell B) File C) Border D) Table
 7. In a table, when the text is wrapped in a cell, it grows
 A) wider B) taller C) wrap D) border.
 8. What is the default top margin of a page?
 A) 1.25 inches B) 1 inch C) 1.50 inches D) 1.20 inches
-

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9. Which are some references and remarks added at every page of the document of the top and bottom margins respectively?
- A) Header and footer B) Top and bottom
C) Title and reference D) Heading and page number.
10. Which, one of the following is a spreadsheet?
- A) StarOffice Base B) StarOffice-Cal C) StarOffice Excel D) StarOffice Writer.
11. A grid of cells with a programmable calculator attached to each cell is
- A) Computer B) Visicalc C) Spreadsheet D) datasheet.
12. Which operator is not an arithmetic operator (in StarCalc)?
- A) % B) * C) ^ D) <>
13. Which refers to the first cell in a spreadsheet in StarCalc?
- A) 1A B) 1 C) A D) A1.
14. In StarCalc, which menu is used to change the column width?
- A) Edit B) File C) Insert D) Format.
15. Which is used to make data easier to understand?
- A) Chart B) Formula C) Functions D) Object.
16. In StarOffice Calc, which one of the following operator combines two text?
- a) + B) & C) |t D) =
17. DBMS is an acronym for
- A) Database Managing System B) Database Management System
C) Database Manipulation System D) Database Mailing System.
18. The process of joining data from two or more tables of the same or different database is called
- A) merging B) searching C) rows D) filtering.
19. Which of the following is an example for a flat file database?
- A) StarBase sheet B) StarOffice sheet C) Spreadsheet D) Information sheet.
20. The key that uniquely identifies a record in a database is
- A) primary key B) secondary key C) record key D) table key.
21. Which is a way of limiting the information that appears on screen?
- A) Searching B) Filtering C) Merging D) Sorting.
22. Which term comes from the word 'datum'?
- A) Field B) Number C) Data D) Record.
23. Which is a group of related data conveying some meaning?

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- A) Variable B) information C) Table D) File.
24. How many types of databases are there in StarOffice Base?
A) Three B) Four C) Five D) Six.
25. Which datatype accepts only whole numbers?
A) char B) decimal C) integer D) float..
26. Which is a computer based presentation technique that incorporates text, graphics, sound and video elements?
A) MMS B) Animation C) Multimedia D) TV.
27. Which is an application that allows you to send and receive messages over cellphones?
A) MMS B) SMS C) WMS D) CMS.
28. Which graphics help in rendering the image effectively on the screen?
A) Scalar graphics B) Vector graphics C) Linear graphics D) Dynarhic.graphics
29. Which is not well fitted for photographic works?
A) GIF B) JPG C) NxView D) BMP.
30. The sound that we hear are of which wave patterns?
A) Analog B) Amplitude C) Frequency D) Wave pitch.
31. The command used to hide a selected slide is
A) Slide show -Hide / Show slide B) Slide show Show / Hide slide
C) Slide Hide slide D) Slide -> Hide.
32. Which allows to view miniature images of all slides in a page?
A) Normal B) Notes C) Slide sorter D) Outline.
33. Which determines the text formatting style for title, outline and the background design for single or all slides?
A) Master page B) Master text C) Master slide D) Master format.
34. To insert a slide in a presentation, choose
A) Insert-Slide B) Slide- New slide C) Insert - New slide D) Insert -Object.
35. Which key is used to select multiple slides?
A) Ctrl B) Alt C) Shift D) Tab.
36. Which amongst the following is an object oriented programming language?
A) C++ B) C C) Basic D) FORTRAN
37. Which data type allows programs to organize as objects that contain both data and functions?
A) int B) class C) string D) object.

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38. C++ was developed by .
 A) James Gosling B) Bjarne Stroustrup C) John Kemeny D) Thomas Kurtz.
39. The basic types are collectively called as
 A) variables B) operators C) tokens D) identifiers.
40. What is the other name for variable ?
 A) Constant B) Identifier C) Keywords D) Numbers.
41. What is the prefix character that used to represent escape sequence?
 A) \ B) * C) + D) /
42. if $a = 5$ and $b = 8$, what is the value of expression $a + b/2 * 4/7$
 A) 20 B) 36 C) 21 D) 24.
43. How many storage specifiers are there in C++?
 A) 3 B) 4 C) 5 D) 2.
44. in C++, which is called as exit check loop?
 A) do-while B) while C) for D) if
45. Which operator is the extraction or get from operator?
 A) » B) « C) > D) <
46. The multiple branching statement in C++ is
 A) if B) switch C) for D) while.
47. The default values can be included in the function prototype from
 A) ending B) beginning C) middle D) anywhere.
48. Which looks like a normal function in the source file but inserts the-functions code directly into the calling program?
 A) Static B) Insert C) Inline D) Return.
49. In the following code, the scope of the variable 'a' is
 if(x<y)
 {
 inta;
 a++;
 }
 A) local scope B) function scope C) title scdpe D) class scope.
50. What is the scope of a variable used in entire program called?
 A) Local scope B) File scope C) Function scope D) Operator scope.
51. What is a collection of variables of the same datatype that are referred by a common name?
 A) Variable B) Constant C) Array D) Data.

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52. cin nuroberf4J; which element is read?
A) Fourth B) Fifth C) First
53. Matrices can be represented through
A) single dimensional array B) 2-D array C) 3-D array D) 4-D array.
54. The most important feature of C++ is
A) integer B) float C) class D) arrays.
55. In a class data members are also called as
A) methods B) instance C) functions D) attributes.
56. Which of the following is not a valid class access specifier?
A) Private B) Public C) Protected D), Pointer.
57. Class declaration is terminated by
A) , (comma) B) . (dot) C) : (colon) D) ; (semi-colon).
58. Class comprises of
A) data members, member name B) data functions, system functions
C) data members, member functions D) data-name, member type.
59. Class belongs to which datatype in C++?
A) User defined datatype B) Built-in datatype
C) Derived datatype D) Array
60. In C++ polymorphism is achieved through
A) inheritance B) encapsulation C) overloading D) abstraction.
61. Identify the operator that cannot be overload?
A) + (binary) B) -(unary) C) * D):
62. The-mechanism of giving special meaning to an operator is called
A) operator overloading B) function overloading
C) Inheritance D) object.
63. The constructor function name has the same name as that of
A) scope B) class C) function D) instance.
64. Which is executed when a class goes out of scope?
A) Destructor B) Constructor C) Overloading D) Declaration.
65. The constructor without parameters is called as
A) parameterized constructor B) default constructor
C) copy constructor D) overloading constructor.
66. Which overloading can be applied to constructor?

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- A) Operator B) Procedure C) Function d) Class
67. Derived class inherits what from its base class?
A) Properties B) Size C) Name D) Scope
68. The default visibility mode is
A) public B) private C) protected D) protect.
69. Which amongst the following is executed in the order of inheritance?
A) Destructor B) Constructor C) Class D) Object.
70. Which enables online educational programs leading to degrees and certifications?
A) Banking B) e-Shopping C) e-Banking D) e-Learning.
71. A facility that allows the user to speak into a special device is called
A) computer B) e-mail C) dictaphone D) tele-medicine
72. Which .refers to the conversion of non-digital material to digital form?
A) Data B) Document C) Digitization D)Tele-medicine.
73. 85% of computer usage is
A) Presentation B) Word processing C) Database D) Spreadsheet
74. 'Cracking'comes under
A) data security B) computer crime C) Password D) website service,.
75. BFSI and pension services are high growth areas of
A) Call centers B) ITES C) Public telecom D) Medical transcription.

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1. Which enables online education programs leading to degrees and certifications?
a) e-shopping B) e-learning C) e-banking D) e-governance.
2. A category of IT enabled services pertaining to collection digitization and processing of data coming from various sources is
A) Data Management B) Tele-medicine C) Data Digitization D) Website Services
-

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3. How many steps are involved in medical transcription?
A) 1 B) 2 C) 3 D) 4
4. The set of rules for determining moral standards or what is considered as socially acceptable behaviour is called
A) Leisure B) Computer crime C) Cracking D) Ethics
5. Making and using duplicate hardware and software is called
A) virus B) ethics C) piracy D) cracking
6. When the control reaches the end of the class scope, which function is executed automatically?
A) constructor B) destructor C) default constructor D) copy constructor.
7. Classes used only for deriving other classes are called?
A) base class B) derived class C) abstract class D) constructor
8. The base class member which is not inherited in derived classes is
A) general B) public C) protected D) private
9. A class is derived from a class which is a derived class itself, then this is referenced to as
A) multiple inheritance B) multilevel inheritance C) single inheritance D) double inheritance
10. Which enables data storage and management?
A) Archive unit B) Data hiding c) Data abstraction D) Digitization
11. During the integral promotion, a double data type can be converted into ..
A) float or integer B) float or void C) integer or char D) float or char.
12. Which of the following operators can be overloaded in C++?
A) + B) :: C) . D) ?:
13. In C++ which functions return nothing? '
A) inline functions B) friend functions
C) overloaded functions D) constructor and destructor
14. Which of the following is default constructor?
A) add() B) add(intst) C) add(ints1, ints2) D) add (add & a)'
15. Which of the following must have the same name as that of the class name?
A) variable B) string literal C) constructor D) constant.
16. If a visibility level is not mentioned then by default the class members will be treated as
A) Private B) Public C) Protected D) General
17. Instruments allowing only selected access of components to objects and to members of other classes are called

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- A) inheritance B) constructors C) data abstraction D) encapsulation

18. Class product

```
{
    int code, quantity;
    float priced
```

```
void main ()
```

```
{
    product p1;
}
```

The number of memory allotted for the object p1 is

- A) 2 bytes B) 4 bytes C) 6 bytes D) 8 bytes
19. Which member variable is initializer only once, when the first object of its class is created?
- A) static B) private C) public D) protected
20. In C++ polymorphism can be achieved through
- A) inheritance B) data hiding
C) overloading D) data abstraction
21. The array subscript always commences from
- A) 0 B) 1 C) 2 D) -1
22. Which one of the following functions returns the number of characters stored in the array?
- A) strcpy () B) strcmp () C) strcat () D) strlen ()
23. How many methods are available to display the contents of string in C++?
- A) 1 B) 2 C) 3 D) 4
24. The most important feature of C++ is
- A) state B) behaviour C) method D) class
25. In C++, the functions are also called as
- A) variables B) classes C) methods D) arrays
26. Which is multiple branching statement in C++?
- A) if B) while C) switch D) fo.
27. In computers machine-readable form of a program is called
- A) source code B) object file C) compiler D) executable file.

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28. The actual parameters can be passed to format parameters of reference type only as
A) constants B) variables C) expressions D) value
29. The function that returns no values declared as
A) main B) friend C) void D) static
30. Which one of the following is called as scope resolution operator?
A) . B) : C) ; D) :
31. Which qualifier specifies that the value of a variable will not change during the run time of a program?
A) size of B) static C) unsigned D) const.
32. How many methods are available for assigning data to the variables in C++?
A) 1 B) 2 C) 3 D) 4
33. Which one of the following is the insertion operator, or put to operator in C++?
A) < B) « C) > D) »
34. Which is an assignment operator in C++?
A) + B) - C) = D) ==
35. What is the output of the following snippet?
int b=10>20;
if(b)
{

cout<<"True Block";
}
else
{
cout<<"Else Block";
}
- A) Else Block B) True Block
C) "True Block Else Block D) Else Block True Block
36. GIF format is limited to a palette of
A) 5 bit B) 6 bit C) 7 bit D) 8 bit
37. In multimedia, the pattern of the sound that you hear is

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- A) Analog wave B) Digital wave C) Hybrid wave D) Frequency
38. The technique of distorting a single image to represent something else is
A) Morphing B) Warping C) Sampling D) Modelling
39. File in the AffF format have the extension
A) .avi B) .aif C) .aud D) .wav
40. The shockwave format was developed by
A) IBM B) Microsoft C) Macromedia D) Apple.
41. The command used to save the database table is
A) File - Save B) File -> Tools -> Save
C) Edit -Save D) Edit - Fill -Save
42. How many types of filters are used in StarOffice Base?
A) 1 B) 2 C)3 D) 4
43. How many number of field types are there in StarOffice Base?
A) 15 B) 13 C) 20 D) 18
44. In StarOffice Base, a printed information that is assembled by gathering data based on user supplied criteria is called
A) report B) query C) table D) form
45. The command used to transfer each heading together with its accompanying paragraphs in the text document into a presentation is
A) File -Send ->Auto Abstract to presentation
B) File -Copy ~Auto Abstract to presentation
C) File -+ Edit -Auto Abstract to presentation
D) Edit -Send - Auto Abstract to presentation
46. Which dialog box appears when Shift + Ctrl + N buttons are clicked from StarOffice Impress?
A) Academic presentation B) Templates C) Documents D) Templates and Documents
47. Which option allows you to manually control the transition of slides using options such as mouse click?
A)Show logo B) Effect C) Automatic D) Default
48. In StarOffice Impress, the key pressed to start slide show is
A) F1 B) F5 C) F6 D) F11
49. The command used to hide the slide(s) in the slide show is
A) Hide - Slide B) Slide Show -Hide
C) Slide show - Show/Hide slide D) Slide Show --+ Hide slide

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50. Which key combination is used to print the slides in StarOffice Impress?
 A) Ctrl + A B) Ctrl + P C) Alt + Ctrl + P D) Ctrl + Alt + P
51. Which is text operator in StarOffice Calc?
 A) + B) ! C) & D) %
52. In StarCalc. how cells A1, B1, C1, D1, E1 & F1 can be referred to as range in a worksheet?
 A) A1:F1 B) A1.F1 C) A1?F1 D) A1 ; F1
53. In StarCalc, the symbol used to change the cell address into absolute cell address is
 A) ! B) \$ C) & D) :
54. In StarOffice Calc, the command used to generate a series is
 A) Sum B) Format C) Edit D) Fill
55. In StarOffice Calc. the command used to change the width of the column is
 A) Format - Row -> Width B) Format --Column - Width
 C) Format -> Width - Row D) Format - Width -+ Column
56. Which among the following makes it easy to represent real systems in software programs?
 A) Object B) Control statements C) Computer D) Data hiding
57. Which is template for entities that have common behaviour?
 A) Class B) Object C) Variables D) Attributes
58. which of the following is an escape sequence for new line / line feed?
 A) :a B) \n C) \t D) \b
59. What is the value in c when the following snippet is executed?

```
int a, b, c;
a = 8;
b = 3;
c = a/b;
c = ++i-c;
cout c;
```

 A) 1 B) 2 C) 3 D) 4
60. Which of the following is not a storage specifier?
 A) auto B) static C) register D) switch
61. In StarCalc. the icon used to insert objects from other applications into a worksheet is
 A) Insert Chart B) InsertApplet C) Insert Formula D) Insert OLE object
62. In Computers, the value assigned to a variable is called .
 A) Key B) Information C) Data D) Report

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63. In StarOffice Base, each row in a table represents
A) File B) Record C) Field D) Database
64. A key that uniquely identifies a record in a database table is
A) a data B) afield C) a record D) a primary key
65. A collection of related table is what in StarOffice Base?
A) A form R) A report C) A database D) A record
66. In StarWriter, while correcting the spelling mistakes, the button clicked to skip all occurrences of the word is
A) Ignore B) Ignore all C) Change D) Change all
67. The key pressed to move forward through the cells of the table in StarOffice Writer is
A) Tab B) Shift + Tab C) Ctrl + Tab D) Ctri+Shift+Tab
68. In StarOffice Writer, which of the following dialog boxes appears when Table Table properties command is used?
A) Table property . B) Table properties C) Table format D) Table wizard
69. In StarOffice Writer, the area at the bottom of the page is
A) portrait B) landscape C) header D) footer
70. Which one of the following spreadsheet packages was developed by Sun Microsystems?
A) Visicalc B) Excel C) Improve D) StarOfficeCalc.
71. Which key should be pressed to inserts blank line in a StarWriter documents?
A) Home B) End C) Delete D) Enter
72. In StarWriter, which keyboard shortcut is used to select the entire documents?
A) Ctrl + A B) Ctrl + B C) Ctrl + C D) Ctrl + S
73. The command used to open character dialog box is
A) Edit - Character B) Format – Character C) View - Character D) Tools - Character
74. In StarWriter, the size of a font is measured in
A) points B) inches C) centimeters D) lines
75. Which key is used to get the spellcheck dialog box for spelling correction in the Starwriter document?
A) F1 B) F5 C) F7 D) F10

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