

### 1. Computer Science

When a DNS server accepts and uses incorrect information from a host that has no authority giving that information, then it is called:-

- (a) DNS lookup
- (b) DNS spoofing
- (c) DNS hijacking
- (d) None of the mentioned

*If choice b is selected set score to 1.*

### 2. Computer Science

An interconnected collection of piconet is called:-

- (a) Micronet
- (b) Mininet
- (c) Scatternet
- (d) None of the mentioned

*If choice c is selected set score to 1.*

### 3. Computer Science

Which of the following statement is incorrect?

- (a) protected members of a class can be inherited by a sub class, and become private members of the sub class
- (b) private members of class can be inherited by a sub class, and become protected members in sub class
- (c) private members of class can only be accessed by other members of the class
- (d) public members of class can be accessed by any code in the program

*If choice b is selected set score to 1.*

### 4. Computer Science

Where does keyword 'friend' should be placed?

- (a) function declaration
- (b) main function
- (c) function definition
- (d) none of the mentioned

*If choice a is selected set score to 1.*

## 5. Computer Science

The initial configuration of the queue is a,b,c,d (a is the front end). To get the configuration d,c,b,a one needs a minimum of?

- (a) 2 deletions and 2 additions
- (b) 2 deletions and 3 additions
- (c) 1 deletions and 3 additions
- (d) 3 deletions and 3 additions

*If choice d is selected set score to 1.*

## 6. Computer Science

If a member function defined in a class cannot be accessed from outside the class but can be accessed from derived class then the access specifier defined for the class is:-

- (a) public
- (b) private
- (c) protected
- (d) all of the above

*If choice c is selected set score to 1.*

## 7. Computer Science

In ASP we use this statement to declare variables:-

- (a) DIM
- (b) var
- (c) #dec
- (d) Declare

*If choice a is selected set score to 1.*

## 8. Computer Science

The Gray code for decimal number 7 is equivalent to:-

- (a) 0100
- (b) 0110
- (c) 1001
- (d) 1100

*If choice a is selected set score to 1.*

## 9. Computer Science

The tasks such as memory management, process management, I/O management and file management are performed by the:-

- (a) Kernel
- (b) Virtual memory
- (c) Colonel
- (d) Shell

*If choice a is selected set score to 1.*

## 10. Computer Science

Which of the following programs is not a popular professional image editor program?

- (a) Microsoft Paint
- (b) Corel PhotoPaint
- (c) Adobe Photoshop
- (d) Adobe PageMaker

*If choice d is selected set score to 1.*

## 11. Computer Science

The default arguments are given in the:-

- (a) Function prototype only
- (b) Formal parameters
- (c) Function definition
- (d) Actual arguments

*If choice b is selected set score to 1.*

## 12. Computer Science

In C/C++, the header file in double quotes means:-

- (a) That file reside in external disk
- (b) That file is not created yet
- (c) That file reside in current directory
- (d) That file reside in standard include directory

*If choice c is selected set score to 1.*

## 13. Computer Science

Which of the following is a wrong example of network layer?

- (a) Internet Protocol (IP)-ARPANET
- (b) Source routing and domain naming-USNet

- (c) X.25 Packet Level Protocol (PLP)-ISO
- (d) X.25 level 2-ISO

*If choice d is selected set score to 1.*

#### 14. Computer Science

For a data member to be inherited and used by outside world functions is to be defined as:-

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

*If choice d is selected set score to 1.*

#### 15. Computer Science

Which keyword when applied on a method indicates that only one thread should execute the method at a time?

- (a) native
- (b) static
- (c) volatile
- (d) synchronized

*If choice d is selected set score to 1.*

#### 16. Computer Science

The method of communication in which transmission takes place in both directions, but only one direction at a time is called:-

- (a) Half Duplex
- (b) Full Duplex
- (c) Four wire circuit
- (d) Simplex

*If choice a is selected set score to 1.*

#### 17. Computer Science

Which of the following ISO level is more closely related to the physical communications facilities?

- (a) Application
- (b) Session
- (c) Networking
- (d) Data Link

*If choice d is selected set score to 1.*

## 18. Computer Science

A queue is a:-

- (a) Ordered array
- (b) Linear tree
- (c) LIFO (Last In First Out) list
- (d) FIFO (First In First Out) list

*If choice d is selected set score to 1.*

## 19. Computer Science

What is A2DP?

- (a) A bluetooth profile for streaming video
- (b) A bluetooth profile for security
- (c) A bluetooth profile for streaming audio
- (d) None of the mentioned

*If choice c is selected set score to 1.*

## 20. Computer Science

How many Character per sec (7bits + 1parity) can be transmitted over a 2400 bps line if the transfer is synchronous (1 "Start" and 1 "stop" bit)?

- (a) 300
- (b) 275
- (c) 240
- (d) 250

*If choice a is selected set score to 1.*

## 21. Computer Science

What will be the value of 'x' after the following statements are executed?

If `int y=5,x; x = (++y) + (++y);`

- (a) 13
- (b) 10
- (c) 12
- (d) 14

*If choice d is selected set score to 1.*

## 22. Computer Science

Give the output of:-

```
#include <iostream.H>
class a
{ int x;
  public:
  a(){cout<<"it is raining "; x=0; } };
class b: public a
{
  int y;
  public:
  b(){cout<<"cats and dogs";}
};
void main() {  b ob; }
```

- ☐ (a) cats and dogs
- ☒ (b) it is raining cats and dogs
- ☐ (c) it is raining
- ☐ (d) cats and dogs it is raining

*If choice b is selected set score to 1.*

## 23. Computer Science

Which of these interfaces handles the event when a component is added to a container?

- ☐ (a) ComponentListener
- ☒ (b) ContainerListener
- ☐ (c) FocusListener
- ☐ (d) InputListener

*If choice b is selected set score to 1.*

## 24. Computer Science

Which of these method of class String is used to remove leading and trailing whitespaces?

- ☒ (a) trim()
- ☐ (b) doTrim()
- ☐ (c) Trim()
- ☐ (d) startsWith()

*If choice a is selected set score to 1.*

## 25. Computer Science

Page Setup group is available under \_\_\_\_\_ tab in MS PowerPoint 2007.

- (a) Design
- (b) Page Layout
- (c) Insert
- (d) Home

*If choice a is selected set score to 1.*

## 26. Computer Science

In digital ICs, Schottky transistors are preferred over normal transistors because of their:-

- (a) Lower Power dissipation
- (b) Higher Propagation delay
- (c) Lower Propagation delay
- (d) Higher Power dissipation

*If choice c is selected set score to 1.*

## 27. Computer Science

By default how the value are passed in c++?

- (a) call by pointer
- (b) call by reference
- (c) call by value
- (d) none of the mentioned

*If choice c is selected set score to 1.*

## 28. Computer Science

SELECT SUBSTR ('123456789', INSTR('abcbabc', 'b'), 4) FROM DUAL;-

- (a) 2345
- (b) 1234
- (c) 6789
- (d) 456789

*If choice a is selected set score to 1.*

## 29. Computer Science

The number of cross point needed for 10 lines in a cross point switch which is full duplex in nature and there are no self connection is:-

- (a) 90
- (b) 100

- (c) 50
- (d) 45

*If choice d is selected set score to 1.*

### 30. Computer Science

The class, which defines, but does not necessarily provide implementations for all its member functions, is called as:-

- (a) super class
- (b) concrete class
- (c) base class
- (d) abstract class

*If choice d is selected set score to 1.*

### 31. Computer Science

Data can be changed from special code to temporal code by using:-

- (a) Combinational circuits
- (b) Shift registers
- (c) Counters
- (d) A/D converters

*If choice b is selected set score to 1.*

### 32. Computer Science

In Java arrays are:-

- (a) primitive data type
- (b) objects
- (c) object references
- (d) none of the above

*If choice b is selected set score to 1.*

### 33. Computer Science

Which of these exceptions is thrown by remover() method?

- (a) IOException
- (b) ObjectNotFoundException
- (c) SystemException
- (d) IllegalStateException

*If choice d is selected set score to 1.*



### 34. Computer Science

Which of this class object has architecture similar to that of array?

- ☐ (a) Hashtable
- ☒ (b) Bitset
- ☐ (c) Map
- ☐ (d) All of the mentioned

*If choice b is selected set score to 1.*

### 35. Computer Science

\_\_\_\_\_ is a peer-to-peer wireless screen casting standard formed via Wi-Fi Direct connections in a manner similar to Bluetooth.

- ☐ (a) Axle
- ☐ (b) RS-232
- ☒ (c) Miracast
- ☐ (d) Blue-wi

*If choice c is selected set score to 1.*

### 36. Computer Science

A component in ASP that provide simple interface for the user:-

- ☒ (a) Counter component
- ☐ (b) Content Linking component
- ☐ (c) Page counter component
- ☐ (d) Content rotator component

*If choice a is selected set score to 1.*

### 37. Computer Science

The command to remove rows from a table 'CUSTOMER' is:-

- ☐ (a) REMOVE FROM CUSTOMER ...
- ☐ (b) UPDATE FROM CUSTOMER ...
- ☐ (c) DROP FROM CUSTOMER ...
- ☒ (d) DELETE FROM CUSTOMER ....

*If choice d is selected set score to 1.*

### 38. Computer Science

Which operator is used to produce a certain number in a specific range?

- ☐ (a) \*
- ☐ (b) \$

- (c) modulo operator
- (d) None of the mentioned

*If choice d is selected set score to 1.*

### 39. Computer Science

Exception generated in try block is caught in \_\_\_\_\_ block.

- (a) throws
- (b) finally
- (c) catch
- (d) throw

*If choice c is selected set score to 1.*

### 40. Computer Science

Which of this class is used to create an object whose character sequence is mutable?

- (a) String()
- (b) StringBuffer()
- (c) Both of the mentioned
- (d) None of the mentioned

*If choice b is selected set score to 1.*

### 41. Computer Science

Find the "temperature" in increasing order of all "cities" from weather table.

- (a) SELECT city, temperature FROM weather ORDER BY temperature;
- (b) SELECT city, temperature FROM weather;
- (c) SELECT city, temperature FROM weather ORDER BY city;
- (d) SELECT city FROM weather ORDER BY temperature;

*If choice a is selected set score to 1.*

### 42. Computer Science

When you pass an array to a method, the method receives \_\_\_\_\_.

- (a) A copy of the array
- (b) The reference of the array
- (c) The length of the array
- (d) A copy of the first element

*If choice b is selected set score to 1.*

#### 43. Computer Science

What is the maximum scale percentage available in Zoom dialog box in MS Word 2007?

- ☐ (a) 200
- ☒ (b) 500
- ☐ (c) 100
- ☐ (d) 90

*If choice b is selected set score to 1.*

#### 44. Computer Science

Identify the generation of computers to which the keyword 'VLSI' belong to:-

- ☐ (a) 2<sup>nd</sup> generation
- ☐ (b) 3<sup>rd</sup> generation
- ☒ (c) 4<sup>th</sup> generation
- ☐ (d) 5<sup>th</sup> generation

*If choice c is selected set score to 1.*

#### 45. Computer Science

The binary equivalent of hex F4B is:-

- ☐ (a) 10101101111
- ☐ (b) 110101001010
- ☒ (c) 111101001011
- ☐ (d) None of the above

*If choice c is selected set score to 1.*

#### 46. Computer Science

A demultiplexer can be used as:-

- ☒ (a) Decoder
- ☐ (b) Encoder
- ☐ (c) Multiplexer
- ☐ (d) None of the above

*If choice a is selected set score to 1.*

#### 47. Computer Science

The creation of a storyboard is essential to the development of the project. This is the \_\_\_\_\_ step of development.

- ☒ (a) designing
- ☐ (b) creating

- (c) planning
- (d) supporting

*If choice a is selected set score to 1.*

#### 48. Computer Science

Which of the following is not non-preemptive scheduling technique?

- (a) Deadline scheduling
- (b) Shortest job next
- (c) Response-ratio
- (d) First come first serve

*If choice c is selected set score to 1.*

#### 49. Computer Science

IP address is currently:-

- (a) Not assigned as it is all used up
- (b) 16 bytes long
- (c) Available in plenty
- (d) 4 bytes long

*If choice d is selected set score to 1.*

#### 50. Computer Science

XSL definition is used along with XML definition to specify:-

- (a) The structure of XML document
- (b) The links with other documents
- (c) The presentation of XML document
- (d) The data types of the contents of XML document

*If choice c is selected set score to 1.*

#### 51. Computer Science

How are the below two statements are different:-

- i) class X : protected Y
- ii) class Z : Y

- (a) i) X inherits Y in protected mode, ii) will give error
- (b) i) X inherits Y in protected mode, ii) Z inherits Y in private mode
- (c) i) X inherits Y in protected mode, ii) Z inherits Y in protected mode
- (d) None of the above

*If choice b is selected set score to 1.*

## 52. Computer Science

In Java, declaring a class abstract is useful:-

- (a) When it doesn't make sense to have objects of that class
- (b) When it makes sense to have objects of that class
- (c) To prevent developers from further extending the class
- (d) When default implementations of some methods are not desirable

*If choice a is selected set score to 1.*

## 53. Computer Science

The String method compareTo() returns:-

- (a) False
- (b) an int value
- (c) true
- (d) 1

*If choice b is selected set score to 1.*

## 54. Computer Science

Which of the following is a correct interface?

- (a) abstract interface A { abstract void print(); { }}
- (b) interface A { void print(); }
- (c) abstract interface A { print(); }
- (d) interface A { void print() { } }

*If choice b is selected set score to 1.*

## 55. Computer Science

Which of following is not true about static data member?

- (a) There are multiple copies of this data member for each objects of the class
- (b) Its lifetime is the entire program
- (c) There is only one copy of this data member for entire class shared by all objects
- (d) It is visible only within class

*If choice a is selected set score to 1.*

## 56. Computer Science

In a microprocessor system, suppose. TRAP, HOLD, RESET Pin got activated at the same time, while the processor was executing some instructions, then it will first respond to:-

- (a) TRAP
- (b) RESET

- (c) HOLD
- (d) None

*If choice d is selected set score to 1.*

### 57. Computer Science

The SELECT statement SELECT 'Hi' FROM DUAL WHERE NULL = NULL; Outputs:-

- (a) FLASE
- (b) Hi
- (c) True
- (d) Nothing

*If choice d is selected set score to 1.*

### 58. Computer Science

What is a view?

- (a) A view is a special stored procedure executed when certain event occurs
- (b) A view is a virtual table which results of executing a pre-compiled query
- (c) A view is a database diagram
- (d) None of the above

*If choice b is selected set score to 1.*

### 59. Computer Science

Which of these is used to read a string from the input stream?

- (a) get()
- (b) readLine()
- (c) read()
- (d) getLine()

*If choice b is selected set score to 1.*

### 60. Computer Science

Popular multimedia authoring programs include the following except for:-

- (a) Macromedia Director
- (b) Toolbox
- (c) Authorwar
- (d) QuarkXPress

*If choice d is selected set score to 1.*

### 61. Computer Science

In a JK Flip-Flop, toggle means:-

- ☐ (a) No change in output
- ☐ (b) Set Q = 0 and Q = 1
- ☒ (c) Change the output to the opposite state
- ☐ (d) Set Q = 1 and Q = 0

*If choice c is selected set score to 1.*

### 62. Computer Science

What is similar to interface in c++?

- ☐ (a) methods
- ☒ (b) pure abstract class
- ☐ (c) instance of class
- ☐ (d) none of the mentioned

*If choice b is selected set score to 1.*

### 63. Computer Science

In windows environment, the text which is cut is placed on \_\_\_\_\_ before being pasted.

- ☐ (a) Dashboard
- ☒ (b) Clipboard
- ☐ (c) Lapboard
- ☐ (d) Smartboard

*If choice b is selected set score to 1.*

### 64. Computer Science

'void' pointer can point to which type of objects?

- ☐ (a) double
- ☐ (b) int
- ☐ (c) float
- ☒ (d) all of the mentioned

*If choice d is selected set score to 1.*

### 65. Computer Science

The class at the top of exception class hierarchy is \_\_\_\_\_.

- ☐ (a) Exception
- ☐ (b) Object
- ☐ (c) ArithmeticException

- (d) Throwable

*If choice d is selected set score to 1.*

## 66. Computer Science

ICMP is primarily used for:-

- (a) Addressing
- (b) Forwarding
- (c) Error and diagnostic functions
- (d) None of the mentioned

*If choice c is selected set score to 1.*

## 67. Computer Science

A class "computer\_science" is derived from the class "employees", which is again derived from the class "Eureka". This is an example of :-

- (a) Hierarchical inheritance
- (b) Multiple inheritance
- (c) Single inheritance
- (d) Multilevel inheritance

*If choice d is selected set score to 1.*

## 68. Computer Science

A technique for direct search is:-

- (a) Hashing
- (b) Binary Search
- (c) Tree Search
- (d) Linear Search

*If choice a is selected set score to 1.*

## 69. Computer Science

Which of the following command is used to give permission of operation to others?

- (a) Grant
- (b) Allow
- (c) Revoke
- (d) Permission

*If choice a is selected set score to 1.*



## 70. Computer Science

Which of these method is used to add an element to the start of a LinkedList object?

- ☐ (a) add()
- ☒ (b) addFirst()
- ☐ (c) AdFirst()
- ☐ (d) first()

*If choice b is selected set score to 1.*

## 71. Computer Science

What notifyAll() method do?

- ☐ (a) Wakes up all threads that are not waiting on this object's monitor
- ☐ (b) Wakes up one threads that are waiting on this object's monitor
- ☒ (c) Wakes up all threads that are waiting on this object's monitor
- ☐ (d) None of the above

*If choice c is selected set score to 1.*

## 72. Computer Science

Each time you turn on your computer, it will check on the control file:-

- ☐ (a) Commancom, io.sys
- ☒ (b) io.sys, msdos.sys, Commancom
- ☐ (c) Chkdsk.exe
- ☐ (d) Commancom, date.com, dir.com

*If choice b is selected set score to 1.*

## 73. Computer Science

toString() method is defined in:-

- ☐ (a) java.lang.String
- ☐ (b) java.lang.util
- ☒ (c) java.lang.Object
- ☐ (d) None of the above

*If choice c is selected set score to 1.*

## 74. Computer Science

The key function that confines character-mode text inside a window on the screen is \_\_\_\_\_.

- ☒ (a) window()
- ☐ (b) initgraph()
- ☐ (c) setdisplay()

- (d) inittext()

*If choice a is selected set score to 1.*

### 75. Computer Science

Which of these methods will be invoked if a character is entered?

- (a) keyPressed()
- (b) keyTyped()
- (c) keyEntered()
- (d) keyReleased()

*If choice b is selected set score to 1.*

### 76. Computer Science

The SQL ALTER statement can be used to:-

- (a) change the table structure
- (b) change the table data
- (c) add rows to the table
- (d) delete rows from the table

*If choice a is selected set score to 1.*

### 77. Computer Science

The operating system that allows different parts of a single program to run concurrently, is known as:-

- (a) multithreading OS
- (b) multi-processing OS
- (c) multi-user OS
- (d) multi-tasking OS

*If choice a is selected set score to 1.*

### 78. Computer Science

Which of these method return a smallest whole number greater than or equal to variable X?

- (a) double min(double X)
- (b) double floor(double X)
- (c) double max(double X)
- (d) double ceil(double X)

*If choice d is selected set score to 1.*

### 79. Computer Science

The Network topology that supports bi-directional links between each possible node is:-

- ☐ (a) Ring
- ☐ (b) Tree
- ☐ (c) Star
- ☒ (d) Mesh

*If choice d is selected set score to 1.*

### 80. Computer Science

Which key word is used to check exception in the block of code?

- ☐ (a) throw
- ☐ (b) catch
- ☒ (c) try
- ☐ (d) none of the mentioned

*If choice c is selected set score to 1.*

### 81. Computer Science

In computers, subtraction is generally carried out by:-

- ☐ (a) 10's complement
- ☐ (b) 1's complement
- ☐ (c) 9's complement
- ☒ (d) 2's complement

*If choice d is selected set score to 1.*

### 82. Computer Science

To put the file pointer to write in a binary file in C++ we will use:-

- ☐ (a) tellp()
- ☐ (b) seekg()
- ☒ (c) seekp()
- ☐ (d) tellg()

*If choice c is selected set score to 1.*

### 83. Computer Science

Which of the following SQL commands can be used to add data to a database table?

- ☐ (a) UPDATE
- ☐ (b) APPEND
- ☐ (c) ADD

- (d) INSERT

*If choice d is selected set score to 1.*

#### 84. Computer Science

In order to interpret XML documents one should:-

- (a) Have a document type definition which defines the tags
- (b) Specify tag filename
- (c) Use standardized tags
- (d) Define the tags separately

*If choice a is selected set score to 1.*

#### 85. Computer Science

Surgeons can perform delicate operations by manipulating devices through computers instead of manually. This technology is known as:-

- (a) computer forensics
- (b) robotics
- (c) forecasting
- (d) simulation

*If choice b is selected set score to 1.*

#### 86. Computer Science

What is the output of this program?

```
#include <iostream.h>
#include <string.h>
int main()
{
    char *str = "ABCDEFGH";
    strcpy(str, "ABC");
    cout << str[4];
    cout << str;
    return 0;
}
```

- (a) EABC
- (b) ABC
- (c) ABCD
- (d) None of the mentioned

*If choice a is selected set score to 1.*

### 87. Computer Science

HTML tags define:-

- (a) The data types of elements of document
- (b) The contents of the document
- (c) The structure of the document
- (d) Presentation of specified elements of a document

*If choice d is selected set score to 1.*

### 88. Computer Science

Every BCNF decomposition is:-

- (a) Not dependency preserving
- (b) Need to be dependency preserving
- (c) Dependency preserving
- (d) None of the above

*If choice b is selected set score to 1.*

### 89. Computer Science

Predict the output of following code segment if input string entered is "New Delhi" char str[80];  
cin>>str; cout<<str;

- (a) New
- (b) New Delhi
- (c) NEW
- (d) NEW DELHI

*If choice a is selected set score to 1.*

### 90. Computer Science

A Yotta Byte means:-

- (a) 1024 Geop Byte
- (b) 1024 Zetta Byte
- (c) 1024 Exa Byte
- (d) 1024 Bronto Byte

*If choice b is selected set score to 1.*

***If assessment score is 0% to 100% Feedback***