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?

- o (a) 2 deletions and 2 additions
- o (b) 2 deletions and 3 additions
- o (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:-

- o (a) public
- o (b) private
- • (c) protected
- o (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
- o (b) var
- o (c) #dec
- o (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
- o (b) 0110
- o (c) 1001
- o (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
- o (b) Virtual memory
- o (c) Colonel
- o (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?

- o (a) Microsoft Paint
- o (b) Corel PhotoPaint
- o (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:-

- o (a) Function prototype only
- (b) Formal parameters
- o (c) Function definition
- o (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:-

- o (a) That file reside in external disk
- o (b) That file is not created yet
- (c) That file reside in current directory
- o (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?

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

o   (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:-

o   (a) Private
o   (b) Public/Protected
o   (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?

o   (a) native
o   (b) static
o   (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
o   (b) Full Duplex
o   (c) Four wire circuit
o   (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?

o   (a) Application
o   (b) Session
o   (c) Networking
•   (d) Data Link

If choice d is selected set score to 1.

18. **Computer Science**

A queue is a:-

- o (a) Ordered array
- o (b) Linear tree
- o (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?

- o (a) A bluetooth profile for streaming video
- o (b) A bluetooth profile for security
- • (c) A bluetooth profile for streaming audio
- o (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
- o (b) 275
- o (c) 240
- o (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);

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

If choice d is selected set score to 1.

22. Computer Science

Give the output of:-

```cpp
#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; }
```

- o   (a) cats and dogs
- •   (b) it is raining cats and dogs
- o   (c) it is raining
- o   (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?

- o   (a) ComponentListener
- •   (b) ContainerListener
- o   (c) FocusListener
- o   (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()
- o   (b) doTrim()
- o   (c) Trim()
- o   (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('abcabcabc', '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)　ObjectNotFoundExeception
○　(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?

- o (a) Hashtable
- • (b) Bitset
- o (c) Map
- o (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.

- o (a) Axle
- o (b) RS-232
- • (c) Miracast
- o (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
- o (b) Content Linking component
- o (c) Page counter component
- o (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:-

- o (a) REMOVE FROM CUSTOMER ...
- o (b) UPDATE FROM CUSTOMER ...
- o (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?

- o (a) *
- o (b) $

o (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.

o (a) throws
o (b) finally
• (c) catch
o (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?

o (a) String()
• (b) StringBuffer()
o (c) Both of the mentioned
o (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;
o (b) SELECT city, temperature FROM weather;
o (c) SELECT city, temperature FROM weather ORDER BY city;
o (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 _____.

o (a) A copy of the array
• (b) The reference of the array
o (c) The length of the array
o (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) 2nd generation
- ○ (b) 3rd generation
- • (c) 4th generation
- ○ (d) 5th 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

- o (c) planning
- o (d) supporting

If choice a is selected set score to 1.

48. Computer Science

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

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

If choice c is selected set score to 1.

49. Computer Science

IP address is currently:-

- o (a) Not assigned as it is all used up
- o (b) 16 bytes long
- o (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:-

- o (a) The structure of XML document
- o (b) The links with other documents
- • (c) The presentation of XML document
- o (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

- o (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
- o (c) i) X inherits Y in protected mode, ii) Z inherits Y in protected mode
- o (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
- o (b) When it makes sense to have objects of that class
- o (c) To prevent developers from further extending the class
- o (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:-

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

If choice b is selected set score to 1.

54. **Computer Science**

Which of the following is a correct interface?

- o (a) abstract interface A { abstract void print(); { }}
- • (b) interface A { void print(); }
- o (c) abstract interface A { print(); }
- o (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
- o (b) Its lifetime is the entire program
- o (c) There is only one copy of this data member for entire class shared by all objects
- o (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:-

- o (a) TRAP
- o (b) RESET

o   (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:-

o   (a) FLASE
o   (b) Hi
o   (c) True
•   (d) Nothing

If choice d is selected set score to 1.

58. Computer Science

What is a view?

o   (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
o   (c) A view is a database diagram
o   (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?

o   (a) get()
•   (b) readLine()
o   (c) read()
o   (d) getLine()

If choice b is selected set score to 1.

60. Computer Science

Popular multimedia authoring programs include the following except for:-

o   (a) Macromedia Director
o   (b) Toolbox
o   (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:-

- o (a) Addressing
- o (b) Forwarding
- • (c) Error and diagnostic functions
- o (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 :-

- o (a) Hierarchical inheritance
- o (b) Multiple inheritance
- o (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
- o (b) Binary Search
- o (c) Tree Search
- o (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
- o (b) Allow
- o (c) Revoke
- o (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)　muti-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:-

o (a) Ring
o (b) Tree
o (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?

o (a) throw
o (b) catch
• (c) try
o (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:-

o (a) 10's complement
o (b) 1's complement
o (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:-

o (a) tellp()
o (b) seekg()
• (c) seekp()
o (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?

o (a) UPDATE
o (b) APPEND
o (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 = "ABCDEFG";
  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:-

- o (a) The data types of elements of document
- o (b) The contents of the document
- o (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:-

- o (a) Not dependency preserving
- • (b) Need to be dependency preserving
- o (c) Dependency preserving
- o (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
- o (b) New Delhi
- o (c) NEW
- o (d) NEW DELHI

If choice a is selected set score to 1.

90. **Computer Science**

A Yotta Byte means:-

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

If choice b is selected set score to 1.

If assessment score is 0% to 100% Feedback