

SIVAGANGAI DISTRICT-ONE WORD TEST-DEC 2023**STD:11****COMPUTER SCIENCE(1-18)****MARKS:70**

1. First generation computers used --- (H-2019)

- (a) Vacuum tubes (b) Transistors (c) Integrated circuits (d) Microprocessors

2. Identify the output device (M-2020)

- (a) Keyboard (b) Memory (c) Monitor (d) Mouse

3. When a system restarts which type of booting is used. (Q-2022)

- (a) Warm booting (b) Cold booting (c) Touch boot (d) Real boot

4. Expand POST (R-2020) (S-2020)

- (a) Post on self-test (b) Power on Software Test
(c) Power on Self-Test (d) Power on Self Text

5. Which generation of computer used IC's? (M-2022)

- (a) First (b) Second (c) Third (d) Fourth

6. How many bytes does 1 Kilo Byte contain? (Aug-2022)

- (a) 1000 (b) 8 (c) 4 (d) 1024

7. Expansion for ASCII

- (a) American School Code for Information Interchange
(b) American Standard Code for Information Interchange
(c) All Standard Code for Information Interchange
(d) American Society Code for Information Interchange

8. How many characters can be handled in Binary Coded Decimal System?

- (a) 64 (b) 255 (c) 256 (d) 128

9. For 11012 what is the Hexadecimal equivalent? (H-2018) (M-2022)

- (a) F (b) E (c) D (d) B

10. What is the 1's complement of 00100110? (R-2022)

- (a) 00100110 (b) 11011001 (c) 11010001 (d) 00101001

11. Which amongst this is not an octal number? (S-2020)

- (a) 645 (b) 234 (c) 876 (d) 123

12. Which gate is called as the logical inverter? (M-2019)(M-2020) (Q-2022)

- (a) AND (b) OR (c) NOT (d) XNOR

13. Which of the following is not the part of a microprocessor unit? (M-2022)

- (a) ALU (b) Control unit (c) Cache memory (d) register

14. Which is the fastest memory? (R-2022)(Aug-2022)

- (a) Hard disk (b) Main memory (c) Cache memory (d) Blue-Ray disc

15. Display devices are connected to the computer through. (M-2019)

- (a) USB port (b) Ps/2 port (c) SCSI port (d) VGA connector

16. Operating system is a ----- (R-2022)(Aug-2022)

- (a) Application Software (b) Hardware (c) System Software (d) Component

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17. Which of the following Operating systems support Mobile Devices?
 (a) Windows 7 (b) Linux (c) BOSS (d) iOS
18. An example for single task operating system is (M-2022)(Q-2022)
 (a) Linux (b) Windows (c) MS-DOS (d) UNIX
19. Which is the default folder for many Windows Applications to save your file? (M-2020)
 (a) My Document (b) My Pictures (c) Documents and Settings (d) My Computer
20. Which of the following activities is algorithmic in nature? (Q-2022)
 (a) Assemble a bicycle (b) Describe a bicycle
 (c) Label the parts of a bicycle (d) Explain how a bicycle works
21. Stating the input property and the as : output relation a problem is known (M-2019)
 (a) Specification (b) statement (c) algorithm (d) definition
22. If $i = 5$ before the assignment $i := i - 1$ after the assignment, the value of i is (R-2022)
 (a) 5 (b) 4 (c) 3 (d) 2
23. If $0 < i$ before the assignment $i := i - 1$ after the assignment, we can conclude that
 (a) $0 < i$ (b) $0 \leq i$ (c) $i = 0$ (d) $0 \geq i$
24. Suppose $u, v = 10, 5$ before the assignment. What are the values of u and v after the sequence of assignments? 1 $u := v$ 2 $v := u$ (H-2019)
 (a) $u, v = 5, 5$ (b) $u, v = 10, 5$ (c) $u, v = 5, 10$ (d) $u, v = 10, 10$
25. If $C1$ is false and $C2$ is true, the compound statement if $C1$ $S1$ else if $C2$ $S2$ 6 else 7 $S3$ executes
 (a) $S1$ (b) $S2$ (c) $S3$ (d) none
26. If C is false just before the loop, the control flows through 1 $S1$ 2 while C 3 $S2$ 4 $S3$
 (a) $S1 ; S3$ (b) $S1 ; S2 ; S3$ (c) $S1 ; S2 ; S2 ; S3$ (d) $S1 ; S2 ; S2 ; S2 ; S3$
27. How many times the loop is iterated? $i := 0$ while $i \neq 5$ $i := i + 1$ (Q-2019)(J-2019) (a)
 4 (b) 5 (c) 6 (d) 0
28. A loop invariant need not be true (M-2019)
 (a) at the start of the loop. (b) at the start of each iteration
 (c) at the end of each iteration (d) at the start of the algorithm
29. If $m \times a + n \times b$ is an invariant for the assignment $a, b := a + 8, b + 7$, the values of m and n are --(QY, HY-2018)(R-2020)
 (a) $m = 8, n = 7$ (b) $m = 7, n = -8$ (c) $m = 7, n = 8$ (d) $m = 8, n = -7$
30. The multi way branching statement: (H-2019)(Aug-2022)
 (a) If (b) if ... else (c) switch (d) for
31. How many times the following loop will execute? for (int $i=0$; $i < 10$; $i++$) (M-2019)
 (a) 0 (b) 10 (c) 9 (d) 11
32. Which of the following is the exit control loop? (Aug-2022)
 (a) For (b) while (c) do...while (d) if...else
33. Identify the odd one from the keywords of jump statements: (Q-2019)
 (a) Break (b) switch (c) goto. (d) continue

34. Which of the following is called entry control loop? (R-2020)(Q-2022)
 (a) Do-while (b) for (c) while (d) if-else
35. Which of the following header file defines the standard I/O predefined functions?
 (a) stdio.h (b) math.h (c) string.h (d) ctype.h
36. Which function is used to check whether a character is alphanumeric or not. (M-2019)
 (a) isalpha() (b) isdigit() (c) isalnum() (d) islower()
37. What is the output of the following snippet? char ch = 'A'; ch = ch + 1; (R-2022)
 (a) B (b) A1 (c) F (d) 1A
38. How many categories of data types available in C++? (M-2022)
 (a) 5 (b) 4 (c) 3 (d) 2
39. Assume a=5, b=6; what will be result of a&b? (M-2019)
 (a) 4 (b) 5 (c) 1 (d) 0
40. Which of the following is a valid string literal? (Aug-2022)
 (a) 'A' (b) 'Welcome' (c) 1232 (d) "1232"
41. The smallest individual unit in a program is: (M-2020)(Q-2022)
 (a) Program (b) Algorithm (c) Flowchart (d) Tokens
42. Which of the following operator is extraction operator of C++? (J-2019)(H-2019) (a)
 >> (b) << (c) <> (d) ^^
43. Who coined C++? (R-2022)
 (a) Rick Mascitti (b) Rick Barnes (c) Bill Gates (d) Dennis Ritchie
44. Who developed C++? (Q-2019)(S-2020)(M-2022)(Q-2022)
 (a) Charles Babbage (b) Bjarne Stroustrup (c) Bill Gates (d) Sundar Pichai
45. Which function begins the program execution? (J-2019) (Aug-2022)
 (a) isalpha() (b) isdigit() (c) main() (d) islower()
46. Which of the following is the scope operator? (M-2019)
 (a) > (b) & (c) % (d) ::
47. Which of the following is the collection of variables of the same type that are referenced by a common name? (M-2022)
 (a) int (b) float (c) Array (d) class
48. int age[]={6,90,20,18,2}; How many elements are there in this array? (Aug-2022)
 (a) 2 (b) 5 (c) 6 (d) 4
49. A structure declaration is given below. Struct Time { int hours; int minutes; int seconds; }t; Using above declaration which of the following refers to seconds. (R-2020)(M-2019)
 (a) Time. Seconds (b) Time::seconds (c) seconds (d) T. seconds
50. Which of the following is a user defined data type? (HY-2019)(M-2020)
 (a) Class (b) float (c) Int. (d) Object
51. "Write once and use it multiple time" can be achieved by (M-2022)
 (a) Redundancy (b) reusability (c) modification (d) composition
52. The variables declared inside the class are known as data members and the functions are known as --- (H-2019)...
 (a) Data functions (b) inline functions (c) member functions. (d) attributes
53. The member function defined within the class behave like : (M-2019)
 (a) Inline functions (b) Non inline function (c) Outline function (d) Data function

54. Which of the following constructor is executed for the following proto type? (M-2020)

Add display (add &); // add is a class name

- (a) Default (b) Parameterized (c) Copy (d) Non-Parameterized

55. Void dispchar(char ch='\$', int size=10) How will you invoke the function dispchar() for the following input? (J-2019) To print \$ for 10 times

- (a) dispchar(); (b) dispchar(ch, size); (c) dispchar(\$, 10); (d) dispchar('\$', 10 times);

56. Which amongst the following is executed in the order of inheritance? (J-2019)

- (a) Destructor (b) Member function (c) Constructor (d) Object

57. Which of the following is the process of creating new classes from an existing class.

- (a) Polymorphism (b) Inheritance (c) Encapsulation (d) super class

58. Which of the following derives a class student from the base class school (H-2018)

- (a) School: student (b) class student: public school
(c) Student: public school (d) class school: public student

60. Which of the following deals with procedures, practices and values? (M-2020)

- (a) Piracy (b) programs (c) virus (d) computer ethics

61. Which one of the following are self-repeating and do not require a computer program to attach themselves? (S-2020)

- (a) Viruses (b) worms (c) spyware (d) Trojans

62. Which of the following is not a malicious program on computer systems? (J-2019)

- (a) Worms (b) Trojans (c) spyware (d) cookies

63. Which is not a search engine? (M-2022)

- (a) Android (b) Bing (c) Yahoo (d) Google

64. A computer network security that monitors and controls incoming and outgoing traffic is ----- (M-2019)(H-2019)

- (a) Cookies (b) virus (c) Firewall (d) worms

65. Which of the following is the first Tamil Programming language? (S-2020)

- (a) Kamban (b) Azhagi (c) Tamil Open Office (d) Ezhil

66. Which one of the following is Harass through online? (Aug-2022)

- (a) Cyber terrorism (b) Scam (c) Cyber stalking (d) Fraud

67. The process of converting cipher text to plain text is called (R-2020)

- (a) Encryption (b) Decryption (c) key (d) proxy server

68. Which of the following is invalid prototype for function overloading (HY-2018)

- (a) void fun (intx); (b) void fun (intx); (c) void fun (double d); (d) void fun (double d);
void fun (char ch); void fun (inty); void fun (char ch); void fun (inty);

69. Which of the following is a technique of building new classes from an existing class?

- (a) Inheritance (b) Abstraction (c) Encapsulation (d) Polymorphism

70. When accessing a structure member, the identifier to the left of the dot operator is the name (H-2018)

- (a) Structure variable (b) structure tag (c) structure member (d) structure function

*****ALL THE BEST*****

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