

**Q3. Which of the following gives the memory address of the first element in array?**

- A.) array;**
- B.) array [1];**
- C.) array (2);**
- D.) array [0];**

**Q4. Which of the following is called address operator?**

- A.) \***
- B.) &**
- C.) \_**
- D.) %**

**Q5. Which function is used to read a single character from the console in C++?**

- A.) cin.get(ch)**
- B.) getline (ch)**
- C.) read (ch)**
- D.) scanf (ch)**

**Q6. Declaration a pointer more than once may cause \_\_\_\_\_**

- A.) Error**
- B.) Abort**
- C.) Null**
- D.) Trap**

**Q7. What is the size of a Boolean variable in C++?**

- A.) 1 bit**
- B.) 1 byte**
- C.) 4 bytes**
- D.) 2 bytes**

**Q8. Which of the following is C++ equivalent for scanf()?**

- A.) input**
- B.) cout**
- C.) print**
- D.) cin**

**Q9. On which of the following storage media, storage of information is organized as a single continuous spiral groove?**

- A.) Ram**
- B.) Floppy disk**
- C.) CD-ROM**

**Q10. Which of the following actions will not delete a file on windows desktop?**

- A.) Select File, hit delete key**
- B.) Double click on file, hit delete key**
- C.) Drag and drop in recycle bin**

**Q11. How long is an IPv6?**

- A.) 32 bits**
- B.) 128 bytes**
- C.) 128 bits**
- D.) 125 bits**

**Q12. To change the size of an image in HTML, use**

- A.) Pliers**
- B.) Top and bottom**
- C.) Height and width**

**Q13. Which of the following circuit is used as a 'Memory device ' in a computer?**

- A.) Rectifier**
- B.) Flip Flop**
- C.) Comparator**

**Q14. A C++ code line ends with \_\_\_\_**

- A.) A Semicolon (;)**
- B.) A Fullstop (.)**
- C.) A Comma (,)**
- D.) A Slash (/)**

**Q15. \_\_\_\_\_ Function is used to allocate space for array in memory.**

**A.) malloc ()**

**B.) calloc ()**

**C.) alloc ()**

**D.) realloc ()**

**Q16. Default constructor has \_\_\_\_\_ arguments.**

**A.) Two Argument**

**B.) One Argument**

**C.) No argument**

**D.) None of these**

**Q17. An exception in C++ can be generated using which keywords.**

**A.) throw**

**B.) threw**

**C.) thrown**

**D.) throws**

**Q18. A system has 3 processes sharing 4 resources. If each process needs a maximum of 2 units, then**

**A.) Deadlock can never occur**

**B.) Deadlock may occur**

**C.) Deadlock has to occur**

**Q19. Representation of data structure in memory is known as:**

- A.) Recursive**
- B.) Abstract data type**
- C.) Storage structure**

**Q20. A positive AND gate is also a negative**

- A.) NAND gate**
- B.) OR gate**
- C.) AND gate**

**Q21. Conversion of decimal number  $(61)_{10}$  to it's binary number equivalent is**

- A.)  $(110011)_2$**
- B.)  $(11001110)_2$**
- C.)  $(111101)_2$**

**Q22. Conversion of an octal number  $(112)_8$  to hexadecimal number is**

- A.)  $(4A)_{16}$**
- B.)  $(5A)_{16}$**
- C.)  $(15)_{16}$**

**Q23. Express -7 as 16-bit signed binary numbers.**

- A.) 0000 0000 0000 0111**
- B.) 1000 0000 0000 0111**
- C.) 0111 0000 0000 0001**

**Q24. A technique used by codes to convert an analog signal into a digital bit stream is known as**

**A.) Pulse code modulation**

**B.) Pulse stretcher**

**C.) Query processing**

**Q25. An optical input device that interprets pencil marks on paper media is**

**A.) O.M.R**

**B.) Punch card reader**

**C.) Optical scanners**

**Q26. Data division is the third division of a \_\_\_\_\_ program.**

**A.) COBOL**

**B.) BASIC**

**C.) PASCAL**

**Q27. A device designed to read information encoded into a small plastic card is**

**A.) Magnetic tape**

**B.) Badge reader**

**C.) Tape puncher**

**Q28. Any device that performs signal conversion is**

**A.) Modulator**

**B.) Modem**

**C.) Keyboard**

**Q29. A code consisting of light and dark marks which may be optically read is**

**Known as**

**A.) Mnemonics**

**B.) Bar code**

**C.) Decoder**

**Q30. The first generation of computers available was based on the bit micro processors.**

**A.) 4**

**B.) 8**

**C.) 16**

**Q31. A language which is close to that used within the computer is**

**A.) High-level language**

**B.) Assembly language**

**C.) Low-level language**

**Q32. A storage system for small amounts of data is**

**A.) Magnetic card**

**B.) Magnetic tape**

**C.) Punched card**

**Q33. Compression of digital data for efficient storage is**

- A.) Buffer**
- B.) CPU**
- C.) Packing**

**Q34. Which of the file format can be added to a ppt slideshow?**

- A.) .Wav**
- B.) .Gif**
- C.) .Jpg**
- D.) ALL**

**Q35. Which register can interact with the secondary storage?**

- A.) MAR**
- B.) MBR**
- C.) IR**
- D.) MDR**

**Q36. Which one provide command interpreter environment?**

- A.) CPU**
- B.) Kernel**
- C.) Shell**
- D.) Hardware**



**Q37. The telephone is an example of?**

**A.) Digital signal**

**B.) Analog signal**

**C.) Both of above**

**D.) Non of above**

**Q38. Macros are run or executed from the Menu?**

**A.) Insert**

**B.) Home**

**C.) Data**

**D.) Developer**

**Q39. When integrating ms word and excel word is usually the**

**A.) Server**

**B.) Source**

**C.) Client**

**D.) None**

**Q40. Which command is use to see the contents of file?**

**A.) Type**

**B.) Copy**

**C.) Ed**

**D.) None of above**

**Q41. Which of the following is not the part of standard office suite?**

**A.) Database**

**B.) File manager**

**C.) Image editor**

**D.) File presentation**

**Q42. First time after establishment ms word was known as**

**A.) Multi work word**

**B.) Multi tool word**

**C.) Multi task word**

**D.) None of these**

**Q43. In SR flip-flop, input labeled 'R' stands for**

**A.) Repetition**

**B.) Random**

**C.) Rand**

**D.) Reset**

**Q44. Files in which users store information?**

**A.) complex files**

**B.) special files**

**C.) Ordinary files**

**D.) Info files**

**Q45. Several instructions execution simultaneously in \_\_\_\_\_**

- A.) parallel processing**
- B.) processing**
- C.) multitasking**
- D.) serial processing**

**Q46. Database is generally \_\_\_\_\_**

- A.) Company-centered**
- B.) Data-centered**
- C.) System-centered**
- D.) User -centered**

**Q47. What do we call the point (decimal) in any hexadecimal number of the form 111.A3?**

- A.) Decimal**
- B.) Octal point**
- C.) Radix**
- D.) Hexadecimal point**

**Q48. A \_\_\_\_\_ is a set of instructions which is prepared to perform a specific assignment if executed by a computer.**

- A.) Program**
- B.) Code**
- C.) Browser**
- D.) Internet**

**Q49. The expression of an EXOR gate is \_\_\_\_\_**

- A.)  $A'+B'$**
- B.)  $A+A.B$**
- C.)  $AB+A'B'$**
- D.)  $A'B+AB'$**

**Q50. In an absolute loading scheme, which loader function is accomplished by programmer?**

- A.) Reallocation**
- B.) Linking**
- C.) Allocation**
- D.) Both (b) and (c)**

**Q51. Translator for low level programming language were termed as**

- A.) Loader**
- B.) Compiler**
- C.) Assembler**
- D.) Linker**

**Q52. Identify the device through which data and instructions are entered into a computer**

- A.) Memory**
- B.) Input device**
- C.) Output device**
- D.) Software**

**Q53. What was the HTML editor that was part of Microsoft Office until 2003?**

**A.) Dream Weaver**

**B.) FrontPage**

**C.) Explorer**

**D.) Web Page**

**Q54. In which state one gathers and lists all the necessary fields for the database design project.**

**A.) Establishing Relationship**

**B.) Data Definition**

**C.) Data Refinement**

**D.) None of The Above**

**Q55. An expression A.B in C++ means \_\_\_\_\_**

**A.) B is member of object A**

**B.) A is member of Object B**

**C.) Product of A and B**

**D.) None of these**

**Q56. In cpp cin and cout are the predefined stream**

**A.) Operator**

**B.) Function**

**C.) Object**

**D.) Data types**

**Q57. Operator must have one class object**

- A.) +**
- B.) New**
- C.) All**
- D.) None of these**

**Q58. Which of these following members are not accessed by using direct member access operator?**

- A.) Public**
- B.) Protected**
- C.) Private**
- D.) Both b and c**

**Q59. C language can be used on**

- A.) Only ms - dos operating system**
- B.) Only Linux operating system**
- C.) Only to window operating system**
- D.) All of the above**

**Q60. Originally c was developed**

- A.) Multi programming language**
- B.) System programming language**
- C.) General purpose programming language**
- D.) All of above**

**Q61. How many arguments can pass through a function?**

**A.) 3**

**B.) 2**

**C.) 1**

**D.) As many as possible**

**Q62. To inherit a subclass from a super class which keyword is used**

**A.) Struct**

**B.) Extends**

**C.) Register**

**D.) Size of**

**Q63. Which is considered as building block of loop?**

**A.) Object**

**B.) Class**

**C.) Both**

**D.) none of these**

**Q64. Command line arguments are passed in a program name**

**A.) After program name**

**B.) Before program name**

**C.) Middle of the program**

**D.) All of the above**

**Q65. Which of the following symbol allowed in a variable name**

- A.) \* asterisk**
- B.) Hyphen**
- C.) | pipeline**
- D.) \_ underscore**

**Q66. What is the hold condition of a flip-flop?**

- A.) Both S and R inputs activated**
- B.) Only S is active**
- C.) No active S or R input**
- D.) Only R is active**

**Q67. BiCMOS Latches consist of**

- A.) Inverters**
- B.) Inductors**
- C.) Timing generators**
- D.) Frequency generators**

**Q68. Circuits based on dynamic memory are termed as**

- A.) Static sequential circuits**
- B.) Dynamic sequential circuits**
- C.) Static combinational circuits**
- D.) Dynamic combinational circuits**



**Q69. It is impossible to predict final state of**

- A.) Flip flop**
- B.) Latch**
- C.) Timing generator**
- D.) Capacitor**

**Q70. Feedback loop is closed for any part of time in**

- A.) Latch**
- B.) D flip flop**
- C.) R flip flop**
- D.) SR latch**

**Q71. When clock is low, flip flop is in**

- A.) Clock**
- B.) Memory**
- C.) Input**
- D.) Output**

**Q72. Timing generators are**

- A.) Static generators**
- B.) Non periodic generators**
- C.) Periodic generators**
- D.) Sine generators**

**Q73. Which type has the lowest operational latency?**

- A.) Process**
- B.) user threads**
- C.) kernel threads**
- D.) None of these**

**Q74. A word in a web page that, when clicked, opens another document is called \_\_\_\_**

- A.) URL**
- B.) Reference**
- C.) Hyperlink**
- D.) Anchor**

**Q75. What does DMA stand for?**

- A.) Direct Memory Allocation**
- B.) Direct Module Access**
- C.) Direct Memory Access**
- D.) Distinct Memory Access**

**Q76. What is the name of the display feature that highlights are of the screen which requires operator attention?**

- A.) Touch screen**
- B.) Cursor**
- C.) Pixel**
- D.) Reverse video**

**Q77. The system unit of a personal computer typically contains all of the following except:**

- A.) Serial interface**
- B.) Modem**
- C.) Microprocessor**
- D.) Disk controller**

**Q78. Which statement BEST describes the operation of a negative-edge-triggered D flip-flop?**

- A.) The Q output is ALWAYS identical to the D input when CLK = PGT**
- B.) The Q output is ALWAYS identical to the D input.**
- C.) The logic level at the D input is transferred to Q on NGT of CLK**
- D.) The Q output is ALWAYS identical to the CLK input if the D input is HIGH**

**Q79. Special effect used to introduce slides in a presentation are called**

\_\_\_\_\_

- A.) Custom animation**
- B.) Effect**
- C.) Animation**
- D.) Transition**

**Q80. Format flags may be combined using**

- A.) The bitwise OR operator (|)**
- B.) The logical OR operator (||)**
- C.) The bitwise AND operator (&)**

**Q81. A default catch block catches**

**A.) All thrown objects**

**B.) No thrown objects**

**C.) Any thrown object that has not been caught by an earlier catch block**

**Q82. The use of the break statement in a switch statement is**

**A.) Optional**

**B.) Compulsory**

**C.) Not allowed**

**Q83. \_\_\_\_\_ are often delivered to a PC through an email attachment and are often designed to do harm.**

**A) Viruses**

**B) Spam**

**C) Portals**

**Q84. A desktop computer is also known as a \_\_\_\_\_**

**A) Palm Pilot**

**B) PC**

**C) Mainframe**

**Q85. When a file contains instructions that can be carried out by the computer, it is often called a(n) \_\_\_\_\_ file.**

**A) Data**

**B) Information**

**C) Executable**

**Q86. A field that uniquely identifies which person,thing, or event the record describes is a \_\_\_\_\_**

- A) File**
- B) Data**
- C) Key**

**Q87. The part of machine level instruction, which tells the central processor what has to be done, is**

- A.) Operation code**
- B.) Address**
- C.) Locator**

**Q88. Process is a?**

- A.) Program in High level language kept on disk**
- B.) Contents of main memory**
- C.) A program in execution**

**Q89. A logical schema is:-**

- A.) Is the entire database.**
- B.) Describe data in terms of relational tables and columns**
- C.) Both (A) and (B)**

**Q90. A mathematical-model with a collection of operations defined on that model is called**

- A.) Data Structure**
- B.) Abstract Data Type**
- C.) Primitive Data Type**

**Q91. Which of the following computer language is used for artificial intelligence?**

- A) FORTRAN**
- B) C**
- C) PROLOG**

**Q92. Computers connected to a LAN (Local Area Network) can \_\_\_\_\_**

- A) Run faster**
- B) Share information and/ or share peripheral equipment**
- C) Go Online**

**Q93. The use of the break statement in a switch statement is**

- A.) Optional**
- B.) Compulsory**
- C.) Not allowed**

**Q94. The first element in a string is**

- A.) The name of the string**
- B.) The first character in the string**
- C.) The length of the string**

**Q95. The compiler converts your C++ instructions into \_\_\_\_\_**

- A.) Edited code**
- B.) Object code**
- C.) Source code**

**Q96. Rows of a relation are called?**

- A.) Relation**
- B.) Tuples**
- C.) An entity**

**Q97. Using a statement at the wrong time or with an inappropriate object creates a**

- A.) Logical error**
- B.) Syntax error**
- C.) Compiler error**

**Q98. Special effect used to introduce slides in a presentation are called**

\_\_\_\_\_

- A.) Custom animation**

- B.) Effect**
- C.) Animation**
- D.) Transition**

**Q99. \_\_\_\_\_ are graphical objects used to represent commonly used application.**

- A.) GUI**
- B.) Icons**
- C.) Windows**
- D.) Application**

**Q100. Which is the slowest internet connection service?**

- A.) Digital Subscriber Line**
- B.) Dial up service**
- C.) Cable modem**
- D.) Leased Line**

**Q\*\*\*. What is the output of this program?**

```
#include < stdio.h >  
using namespace std;  
int main()  
{  
char str[5] = "ABC";
```



```
cout << str[3];
```

```
cout << str;
```

```
return 0;
```

```
}
```

**A.) AB**

**B.) ABCD**

**C.) ABCD**

**D.) None of the mentioned**