



PART – A

Choose the most grammatically correct and meaningful option following the direction given for each question.

Direction : Find out the word approximately opposite in meaning to the given word.

1. Agony

- A) pain B) bliss C) excitement D) fear

Direction : Find out the one word substitution for the given sentence.

2. A speech delivered without preparation.

- A) straight forward B) maiden
C) verbose D) extempore

Direction : Find out the phrase nearest in meaning to the given word.

3. Alienate

- A) to make friendly B) to travel widely
C) to make isolated D) to ban

Direction : Give a substitute that best expresses the meaning of the idiom/phrase marked in bold letters in the given sentence.

4. The detective **left no stone unturned** to trace the culprit.

- A) took no pains B) did very irrelevant things
C) resorted to illegitimate practices D) used all available means

Direction : Complete the given sentence by choosing the right combination of the words mentioned as options.

5. It is useless to attempt to _____ from every danger, some _____ must be taken.

- A) escape, chances B) free, results
C) protect, judgements D) dissociate, opportunities

Direction : Fill in the blanks with suitable articles.

6. I saw _____ snake in _____ grass.

- A) the, the B) the, a C) an, the D) a, the



Direction : Fill in the blanks with appropriate prepositions.

7. The moon rose _____ twelve O'clock _____ the night.

- A) in, at B) at, to C) at, in D) to, in

Direction : Fill in the blank with the appropriate word(s) to complete the following sentence.

8. There _____ any message from my teacher, since she moved to London.

- A) isn't B) wasn't C) hasn't been D) hadn't been

Direction : Fill in the blank with the correct form of the verb 'slam'.

9. He _____ the door whenever he goes out of the room.

- A) slammed B) slams C) slam D) slamming

Direction : Choose the correct one from the following sentences.

10. A) The sooner a thing is done, the better it is.

B) The sooner things is done, the better it is.

C) The sooner things is done, better it is.

D) The sooner a thing is done, a better it is.

11. The Indian Institute of Remote Sensing is located at

- A) Hyderabad B) Bengaluru C) Dehradun D) Ahmadabad

12. World Cancer Day (WCD) is observed every year on

- A) 4 February B) 5 February C) 2 February D) 3 February

13. The Reserve Bank of India (RBI) was established on

- A) 1st April 1935 B) 21st April 1943 C) 1st April 1940 D) 15th August 1947

14. "NITI Aayog" stands for

A) National Institution for Transforming India Aayog

B) National Institution for Transition India Aayog

C) National Institution for Trade India Aayog

D) National Information for Transforming India Aayog

15. First Chief Justice of India was

A) M. Patanjali Sastri

B) Mehar Chand Mahajan

C) Zakir Hussain

D) Hiralal J. Kania



16. Who wrote the book 'War and Peace' ?
A) Leo Tolstoy
B) Mahatma Gandhi
C) Charles Dickens
D) Kipling
17. The symbol associated with Buddha's renunciation is
A) Bull
B) Horse
C) Lotus
D) Fish
18. "Yakshagana" is a folk dance-drama of
A) Maharashtra
B) Karnataka
C) Gujarat
D) West Bengal
19. Electrostatic Precipitator is used for the control of
A) Water Pollution
B) Air Pollution
C) Solid Waste
D) Noise Pollution
20. Which of the following city is not included in the list of recently announced first 20 cities to be developed as "Smart Cities" ?
A) Bhubaneshwar
B) Jaipur
C) Pune
D) Varanasi
21. Who has won the 2016 Australian Open men's singles title ?
A) Andy Murray
B) Stan Wawrinka
C) Novak Djokovic
D) Roger Federer
22. In a certain code language "ASKED" is written as "45211". How will "EIGHT" be written in that code language ?
A) 59782
B) 28795
C) 72958
D) 95728
23. Arrange the words given below in a meaningful sequence.
1. Nation 2. Village 3. City 4. District 5. State
The correct sequence is
A) 2, 3, 4, 5, 1 B) 2, 3, 4, 1, 5 C) 1, 3, 5, 4, 2 D) 1, 2, 3, 4, 5
24. Five girls are sitting on a bench to be photographed. Seema is to the left of Rani and to the right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary.
Who is sitting immediate right to Reeta ?
A) Bindu B) Rani C) Mary D) Seema
25. Which of the following is not a storage drive ?
A) SSD B) SSHD C) HDD D) SHDD



56. Which one of the following protocols delivers/stores email to receiver server ?
A) simple mail transfer protocol B) post office protocol
C) internet mail access protocol D) hypertext transfer protocol
57. Internet access by transmitting digital data over the wires of a local telephone network is provided by
A) leased line B) digital subscriber line
C) digital signal line D) none of the mentioned
58. IPv6 addressed have a size of
A) 32 bits B) 64 bits C) 128 bits D) 265 bits
59. Which protocol assigns IP address to the client connected in the internet ?
A) DHCP B) ARP C) RPC D) HTTP
60. In which topology, if there are n devices in a network, each device should have n-1 ports for cables?
A) Mesh B) Star C) Bus D) Ring
61. How many RAM chips of size (256k x 1 bit) are required to build 1 M Byte memory?
A) 8 B) 10 C) 24 D) 32
62. Which access method is used for obtaining a record from a cassette tape?
A) direct B) sequential C) random D) parallel
63. Internet Information Services is name of
A) web server
B) web browser
C) a company that provides internet access
D) search engine
64. A binary search tree whose left subtree and right subtree differ in height by atmost 1 unit is called
A) AVL tree B) Read black tree C) Lemma tree D) None of the above
65. scanf() function in c language is used for
A) taking inputs from users B) outputing the results
C) searching in the array D) scanning a file
66. What is short int in C programming?
A) basic datatype of C
B) qualifier
C) short is the qualifier and int is the basic datatype
D) another name for char data type



67. _____ is very useful in situation when data have to be stored and then retrieved in reverse order.
A) queue B) stack C) list D) linked
68. Which data structure is used in breadth first search of a graph to hold nodes ?
A) stack B) queue C) tree D) array
69. To represent hierarchical relationship between elements, which data structure is suitable ?
A) queue B) lists C) tree D) graph
70. VLSI circuit stands for
A) Very Large Scale Intelligent Circuit B) Very Low Scale Integrated Circuit
C) Very Large Scale Integrated Circuit D) Very Large System Integrated Circuit
71. Output of the following code is:

```
#include <stdio.h>
void main()
{
    Int k = 8;
    int m=7;
    int z = k < m ? k = m : m++;
    printf(“%d”, z);
}
```


A) Run time error B) 7 C) 8 D) Depends on compiler
72. Register storage class can be specified to global variables
A) true B) false
C) depends on the compiler D) depends on the standard
73. Output of the following code is:

```
#include <stdio.h>
Int main()
{
    Int I =10;
    Int *p= &I;
    Printf( “%d %d\n”,I,*p);
}
```


A) address of i and p B) 10 10
C) 11 11 D) compile time error



84. Start and stop bits are used in serial communication for
- A) error detection
 - B) error correction
 - C) synchronization
 - D) slowing down the communication
85. Frequency of failure and network recovery time after failure are measures of what concept of network?
- A) Performance
 - B) Reliability
 - C) Security
 - D) Feasibility
86. Repeaters function in
- A) physical layer
 - B) data link layer
 - C) network layer
 - D) both (A) and (B)
87. Railway reservation system currently operational in India can be classified as a
- A) batch processing system
 - B) real-time system
 - C) online system
 - D) expert system
88. The dataflow model of an application mainly shows
- A) the underlying data and relationship among them
 - B) processing requirements and the flow of data
 - C) decision and control information
 - D) communication network structure
89. The principle that a function can always be replaced by its value (irrespective of the context), without changing the meaning is called
- A) unbinding
 - B) orthogonality
 - C) context free
 - D) referential transparency
90. Use of recursion
- A) enhances logical clarity and reduces code size
 - B) makes debugging easier
 - C) reduces execution time
 - D) makes software bug free
91. The register which keeps track of the execution of a program and which contains the memory address of next instruction is called:
- A) index register
 - B) memory address register
 - C) program counter
 - D) instruction register



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