**TGT COMPUTER SCIENCE**

1. Who launched the 90-day campaign 'Azadi Se Antyodaya Tak'?

(A) Amit Shah

(B) Piyush Goyal

(C) Kiren Rijiju

(D) Giriraj Singh

Correct Answer: (D)


2. Which country signed agreements on training staff and IT cooperation to deepen railway cooperation In Sep 2022?

(A) Russia-India

(B) Ukraine-Turkey

(C) India-Bangladesh

(D) America-India

Correct Answer: (C)


3. The "Donbas War" is currently being fought in

(A) Serbia

(B) Ukraine

(C) Syria

(D) Lebanon

Correct Answer: (B)

4. Pedagogy is the study of

(A) education

(B) learning process

(C) teaching methods

(D) guiding students

Correct Answer: (C)

5. Dyslexia is associated with

(A) mental disorder

(B) mathematical disorder

(C) reading disorder

(D) behavioural disorder

Correct Answer: (C)


6. Which government organizations will develop guidelines for the education of gifted children?

(A) NCERT and NCFCS

(B) NCERT and NCTE

(C) NCERT and NTA

(D) NCERT and SCERT

Correct Answer: (B)


7. Which of the following tag is used to insert a line-break in HTML?
(A) <br>
(B) <a>
(C) <pre>
(D) <b>
Correct Answer : (A)


8. In the URL HTTP://xxxx.yyyy/zzzz , the name of the host is _____ .
(A)  HTTP
(B)  xxxx
(C)  yyyy
(D)  zzzz
Correct Answer : (B)


9. How to create a hyperlink in HTML?
(A)  <a href = "www.javatpoint.com"> javaTpoint.com </a>
(B)  <a url = "www.javatpoint.com" javaTpoint.com /a>
(C)  <a link = "www.javatpoint.com"> javaTpoint.com </a>
(D)  <a> www.javatpoint.com <javaTpoint.com /a>
Correct Answer : (A)

10. How to create a checkbox in HTML?
(A) <input type = "checkbox">
(B) <input type = "button">
(C) <checkbox>
(D) <input type = "check">
Correct Answer : (A)


11.From What location are the 1st computer instructions available on boot up?
(A) ROM-BIOS
(B) CPU
(C) boot.ini
(D) config.sys
Correct Answer : (A)


12. The correct sequence of HTML tags for starting a webpage is -
(A) Head, Title, HTML, body
(B) HTML, Body, Title, Head
(C) HTML, Head, Title, Body
(D) Body, HTML, Head, Title
Correct Answer : (C)


13. Which command is used to open a database in MySQL?
(A) Open database <database name>
(B) Use database <database name>
(C) Open <database name>
(D) Use <database name>
Correct Answer : (D)


14. To display all details from employee table in which deptno is equal to null what query should be written?

(A) select * from employee where deptno is NULL;
(B) select * from employee where deptno having NULL;
(C) select * from employee where deptno =' ';
(D) None of these
Correct Answer : (A)

15.Consider a table student [admno, name, DOB, marks ]
  Write a query in MySQL to display the list of students having marks more than 400 in the descending order of their names from table student.

(A)  SELECT * FROM student WHERE marks> 400 sort by name desc;
(B)  SELECT * FROM student WHERE marks> 400 order by name desc;
(C)  SELECT * FROM student WHERE marks> 400 arrange by name desc ;
(D)  SELECT * FROM student WHERE marks> 400 set by name desc ;
Correct Answer : (B)


16. Consider a table customer [CNUM char(8), CANME char(20), DOB date]  Write an SQL command to increase the width of CNAME from 20 to 30 characters in the table customer.

(A)  ALTER TABLE customer CHANGE (CANME char(30));
(B)  ALTER TABLE customer MODIFY (CANME char(30));
(C)  UPDATE TABLE customer CHANGE (CANME char(30));
(D)  UPDATE TABLE customer MODIFY (CANME char(30));
Correct Answer : (B)


17. For the list [34, 8, 14, 51, 32, 21], how will the list elements look like
after second pass in Insertion sort?

(A)  [8, 21, 32, 34, 51, 14]
(B)  [8, 32, 34, 51, 14, 21]
(C)  [8, 14, 34, 51, 32, 21]
(D)  [8, 14, 32, 21, 34, 51]
Correct Answer : (C)


18. What will be the output produced in Python of the following line of code?
            >>> "I Love Python".split()


(A)  ['I Love Python']
(B)  ['I','Love','Python']
(C)  I Love Python
(D)  Error
Correct Answer : (B)

19. Suppose L is the list
        ["these",["are","a"],["few","words"],"that","we","will","use"]
    what will be the output of the following Python code?
    >>> L[3:4] + L[1:2]

(A) ['that',['are','a']]
(B) [['few','words'],'these']
(C) ["that","we","will","use"]
(D) [["are","a"]["few","words"]]
Correct Answer : (A)


## Case Study

Lalit is a game programmer and he is designing a game where he has to use different python functions as much as possible. Apart from other things, following functionalities are to be implemented in the game.

(1) He is simulating a dice where random number generation is required.

(2) Since the program becomes too lengthy, Lalit wants a separate section where he can store all the functions used in the game program.

(3) Lalit is feeling difficulty in implementing the above functionalities. Help him by giving answers following questions:

20. To implement functionality (1) which module can be used:

(A) random

(B) randomise

(C) randint

(D) math

Correct Answer: (A)