Class – X

Computer Application (165)

Sample Question Paper 5 (2019-20)

Max. Marks: 30   **Duration: 2 hrs.**

General Instructions:

- The paper contains 4 sections – Section A, Section B and Section C and Section D

- Section A and B has to be attempted by all students.

- Students may attempt any one of the two - Section C (Scratch) OR Section D (Python)

SECTION A

Answer the following questions: **7 X 1 = 7**

1. What is a news-group?
2. List any 2 advantages of E-Banking over traditional banking.
3. Mohan sent some mocking message to Ashok online regarding his failure in an entrance exam. What wrong did Mohan do?
4. Create a definition list showing the terms HTML and WWW as data terms with their full forms as data description.
5. Mahesh wants to display a constantly scrolling message WELCOME ALL at the top of the web page in and center-aligned. The message should scroll from top to bottom.
6. What is the main objective of Digital India?
7. What do you mean by shareware?

SECTION B

Answer the following questions: **7 X 2 = 14**

8. Manas wants to send email to Mr. X, Mr. Y and Mr. Z but he does not want any of them to know that the other two have been sent the same email also. What should he do?
9. Write CSS rule to for a paragraph identified as "P1" so that it is displayed with font family sans serif, blue color, justified text and 2 pixel thick border.
10. Write HTML code to create a table of 1 row and 3 columns. In each cell display the images 1.jpg, 2.jpg and 3.jpg. Hyperlink 1.jpg to www.mywebsite.com, hyperlink 2.jpg to an internal link named 'para1' and hyperlink 3.jpg to an internal link named 'down'.
11. Write CSS rule for a paragraph to display a background image and a simple blue border.
12. Write HTML code to display the following table. Cell padding of all the cells is 10.

Name	Age
Ajay	24
Priya	

13. List 2 basic differences between shar.

14. How is number of rows and columns determined in an HTML table? Give an example.
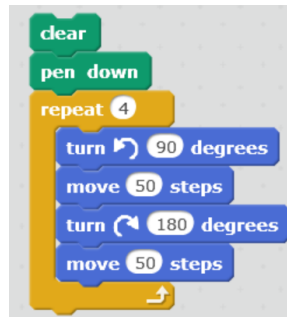

SECTION C (Scratch)

15. Briefly explain the Scratch coordinate system.   **2**
16. How do we ensure that value entered by the user gets stored in the required variable? **2**
17. How will you generate random numbers between 10 and 20 in Scratch?   **2**

18. What will be the output of the following script?   **3**

SECTION D (Python)

19. Write Python statements to generate a list of numbers 1, 3, 5, 7 and an empty list.   **2**

20. What is a unary operator? Give an example.   **2**

21. Carefully read the following code and predict the output   **2**

```
N = 12
while N>5:
        N-=1
print N
```

22. A dictionary contains names of 30 students and their percentage performance. Display the names of those students whose performance is 75% or above.   **3**