

Class - X

Computer Application (165)

Sample Question Paper 4 (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. Anu wants to pursue an online course according to her convenient time whenever she is free. Which type of E-Learning online course is suitable for her?
2. Rajeev wants to share a heavy file which cannot be sent using email with his friend. Which protocol will be used to send that file?
3. List any major demerit of social networking.
4. HTML is not a programming language. How?
5. Write the HTML code to display: $A^2 + B^2 = A^2 + B^2 + 2AB$
6. List two distinct cases/ examples that denote violation of cyber-ethics.
7. Expand FLOSS.

SECTION B

Answer the following questions:

7 X 2 = 14

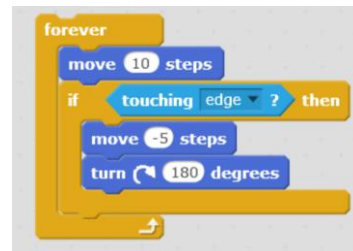
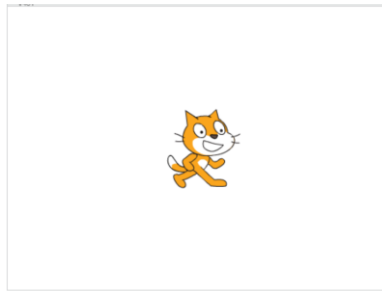
8. Kishore wants to block emails from xyz@pqr.com. What should he do?
9. Write CSS rule to display your name with an overline, spaces between the letters 14 pixels, font size extra large and a dotted green border, 5 pixels thick.
10. Write HTML code to create a table of 1 row and 3 columns. In each cell 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 following list:

- i. item 1
 - ◊ sub item 1
 - ◊ sub item 2
 - a. sub item 1
 - b. sub item 2
- ii. item 2
 - 1. sub item 1
 - sub item 1
 - sub item 2
 - 2. sub item 2

13. How cyberethics is important in E-Commerce?
 14. Generally, FONT tag allows maximum font size 7. What is one way to increase this limit?

SECTION C (Scratch)

15. Write the script (block names and their values in correct order) to move check if user's life exceeds 3 then let the sprite say "Game is over" for 5 seconds. **2**
16. Write script to (block names and their values in correct order) so that if user clicks on the sprite, it should move to the centre of the stage. **2**
17. What is the difference between if and if-else blocks? **2**
18. Consider the following script and find out how many times Cat will touch each of the four sides of the stage? **3**



SECTION D (Python)

19. How is an interpreter different from compiler? **2**
20. A variable a has initial value 13. What will be the value of variable a after this statement?
`a //=5` **2**
21. What will be the output of the following code?
`for z in range(5,1,-1)`
`print(z)` **2**
22. Write python code to keep accepting numbers from the user until user enters 0. Finally, display the average of all the odd numbers entered by the user. **3**
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