

Class - X
Computer Application (165)
Sample Question Paper 2 (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 the use of Trash or Bin folder and Spam folder in any email service?
2. Which protocols are used to send email message and send a file from one computer to a remote computer?
3. List any 2 advantages of online learning.
4. What do you mean by the terms 'tag' and 'attribute'? Support your answer with an example.
5. Write the HTML code to link an external css file 'mystyles.css' to the webpage.
6. What do you mean by Digital Property?
7. Name any 2 popular open source software licences.

SECTION B

Answer the following questions:

7 X 2 = 14

8. What do you mean by digital divide?
9. Write CSS rule for displaying an image in the background of a webpage.
10. Write HTML code to create the following list:

V. Software

- Operating System
- Application software

VI. Hardware

- Input devices
- Output devices

11. There are following two pieces of text in same web page:

Go to Topic 10: Write HTML code to make it hyperlink to the second text.

Go to web page top: Write HTML code to make it hyperlink to the heading named 'main'.

12. Write HTML code to display following table:

Column 1	Column 2	Column 3
Rows 1-2 Columns 1-2		Row 1 Column 3
		Row 2 Column 3

13. List 2 measures to minimise plagiarism.

14. What are HTML entities. Give 2 examples.

SECTION C (Scratch)

15. Which blocks should help you in moving a sprite upwards on pressing up arrow key? 2

16. Which blocks will help you in accepting the age of the user by displaying the prompt: ENTER YOUR AGE? 2

17. What will be the position of Arrow after following **point in direction** block values. 2



point in direction -90



point in direction 180

18. What will be the output of the following script if user enters 3? 3

```
ask ENTER A NUMBER and wait
set NUM to answer
repeat until NUM = 10(
    say NUM for 2 secs
    set NUM to NUM + 1
    say NUM for 2 secs
    set NUM to NUM - 1
    wait 3 secs)
```

SECTION D (Python)

19. What is the significance of functions int() and str()? Give example. 2

20. What do you mean by an interpreted language? 2

21. What will be the output of the following code? 2

```
x = 3
y = 2.35
z = 9
print((x ** z) // (x * y))
```

22. Write python code to accept price of an item and number of units sold. If quantity sold is less than 500 then calculate the discount on price as 12% otherwise 10%. Finally, display the amount payable after discount.

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