

Class - X
Computer Application (165)
Sample Question Paper 1 (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 gateway?
2. What do the elements <DT> and <DT> stand for?
3. What is the difference between 'reply' and 'reply all' in email?
4. Raj downloaded copy of licenced software with a crack for its lock from a shady website. Which unethical practice is he involved in?
5. Browser requests an HTML webpage from the web server and web server returns a copy of the same. Which protocol is involved in this transaction between web browser and web server?
6. Anita received repeated connection requests from a stranger online despite declining them. What is this act by the stranger called and why?
7. In the URL: *www.eduitspl.com/samples/2019.pdf*, which part is resource?

SECTION B

Answer the following questions:

7 X 2 = 14

8. Differentiate between container and empty elements in HTML with an example each.
9. List any one term on the basis of which a software should qualify as Open Source.
10. Create an unordered list of any three subject names with top heading as SUBJECTS
OPTED. Page background should be yellow.
11. Write CSS code within <head> element to format an H1 heading as large font size, red colour, oblique style and all capital letters.
12. What do you mean by Public Domain Software? How they are different from proprietary software?

13. Write HTML Code to display an image house.gif of dimensions 100 X 100 with horizontal and vertical spacing of 20 pixels each so that if it is not displayed due to some reason, the message 'sorry' is displayed in its place.
14. Write HTML code to generate the following table:

r1c1	r1c3	r1c4	r1c5	
	r2c3			
r3c1		r3c4		r3c6

SECTION C (Scratch)

15. Which loop block is most suitable for creating a sprite 'Heart' beating (shrinking and expanding) continuously forever and why? 2
16. What is the significance of **set __ to ____** block? Explain with an example. 2
17. A script is written to draw a square as shown here: 2
- ```

pen down
repeat 4(
 move 100 steps
 turn 90 degrees
 wait 3 secs
)

```
- What is the role of wait block used within repeat block?
18. Differentiate between Motion blocks **turn** and **point in direction**. 3

### SECTION D (Python)

19. What is the use of + operator? Give examples. 2.
- 20.