

**Part - A**

I. Choose and write the correct answer:

15x1=15

1. Expand : CCD
  - a) Charged Coupled Device
  - b) Change Coupled Device
  - c) Close Circuit Device
  - d) Charge Coupled Data
2. Find the odd one out:
  - a) Clock speed
  - b) Instruction set
  - c) Memory address
  - d) Word size
3. The ..... are executed in the order of the queue.
  - a) function
  - b) processes
  - c) method
  - d) technology
4. Which of the following in Ubuntu OS is used to view the options for the devices installed?
  - a) Settings
  - b) Files
  - c) Dash
  - d) VBox\_GAs\_5.2.2
5. Assertion (A) : Auto spell check option checks each word as it is typed and display a wavy in black line under any misspelled word.  
Reason (R) : Once the word is corrected, the black wavy line will appear.
  - a) A and R are True
  - b) A is true but R is false
  - c) A is false but R is true
  - d) A and R are false
6. Below the sheet tabs and horizontal scrolling bar is the .....
  - a) Menu bar
  - b) Status bar
  - c) Scroll bar
  - d) None of these
7. Which is used to move quickly from one slide to another?
  - a) Compass
  - b) Navigator
  - c) Fill color
  - d) Page border
8. The tags which are required opening and closing tags is known as .....
  - a) container elements
  - b) empty elements
  - c) a and b
  - d) none of these
9. Identify the true statement from the following:
  - a) The text what you see on browser cannot delete or insert.
  - b) The subscript and the superscript character or number is smaller than the rest of the text.
  - c) The <strong> tag is a phrase tag.
  - d) All the above

10. Match:

- |              |   |                                 |
|--------------|---|---------------------------------|
| 1. Check box | - | used to submit                  |
| 2. Reset     | - | used to call functions          |
| 3. Submit    | - | used to clear                   |
| 4. Button    | - | used to select multiple options |
- |            |            |            |            |
|------------|------------|------------|------------|
| a) 1-2-3-4 | b) 4-3-2-1 | c) 3-4-2-1 | d) 4-1-3-2 |
|------------|------------|------------|------------|
11. Professional web developers do not use ..... styles.
    - a) external
    - b) internal
    - c) global
    - d) none of these
  12. How many attributes specifies that <script> tag in the scripting?
    - a) 3
    - b) 5
    - c) 4
    - d) 2
  13. The function body must be enclosed by .....
    - a) [ ]
    - b) <>
    - c) { }
    - d) ( )
  14. Cybercrime is a ..... crime.
    - a) intellectual
    - b) white-collar
    - c) a and b
    - d) none of these
  15. In 2021 onwards, ..... of people in India will access internet using Tamil.
    - a) 74%
    - b) 68%
    - c) 42%
    - d) 28%

**Part - B**

II. Answer any six questions. Q.No. 24 is compulsory.

6x2=12

16. Convert  $(150)_{10}$  into Binary number.
17. List out different distributions of linux operating system.
18. What is star center?
19. What are the commonly used presentation programs?
20. How do you define comments in HTML?
21. What are the form controls?
22. What is the use of typeof operator?
23. Write a note on E-library.
24. Write the syntax of functions.

**Part - C**

III. Answer any six questions. Q. No. 32 is compulsory.

6x3=18

25. Write a note on: i) Transistor ii) Vacuum tube.
26. Explain Microprocessor units.
27. Differentiate Thunderbird and Firefox in Ubuntu OS.
28. Write any three formatting options.
29. Write about webpage.
30. Write an HTML code to provide hyperlink to <https://www.w3schools.com>
31. Explain stylesheet.
32. Write the syntax for switch case statement.
33. What are the guidelines to be followed by any computer user?

**Part - D**

IV. Answer all the questions.

5x5=25

34. a) Explain about any five input devices?  
(OR)  
b) i) Add:  $1101010_2 + 101101_2$   
ii) Subtract:  $1101011_2 - 111010_2$
35. a) Explain the various algorithms of process management.  
(OR)  
b) How will you copy the files and folders to removable disk? Explain various methods.
36. a) Explain Bullets and Numbering text with suitable example.  
(OR)  
b) Explain Heading tag with its attributes.
37. a) Explain about the popup dialog boxes in Javascript.  
(OR)  
b) Explain for loop with an example.

38. a) What are the various crimes happening using computer?  
(OR)  
b) Write about Tamil office Automation Applications.