HALF YEARLY EXAMINATION - 2023
PART III - COMPUTER APPLICATIONS

A

Class: 11

Time : 3 Hours   **Marks : 70**

Instructions :   (1)   Check the question paper for fairness of printing. If there is any lack of fairness, inform the Hall Supervisor immediately.

(2)   Use Blue or Black ink to write and underline.

Notes :   (i) This question paper contains **four** parts

Part – I

Note: (i) Answer all the questions.   **15x1=15**

(ii) Choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer.

1. Which one of the following is the main memory?

   a) ROM   b) RAM   c) Flash drive   d) Hard disk

2. 2^{50} is referred as

   a) Kilo   b) Tera   c) Peta   d) Zetta

3. What is the smallest size of data represented in a CD?

   a) blocks   b) sectors   c) pits   d) tracks

4. Which of the following Operating systems support Mobile Devices?

   a) Windows 7   b) Linux   c) BOSS   d) iOS

5. How many types of Page orientation?

   a) 2   b) 4   c) 3   d) 5

6. Which of the following symbol is used to make a cell address as an absolute reference?

   a) +   b) %   c) &   d) $

7. Identify the extension of the Impress presentation.

   a) .odp   b) .ppt   c) .odb   d) .ood

8. W3C was established in 1994 by

   a) Tim Berners-Lee   b) Tim Burnard Lee   c) Kim Berners   d) Kim Bernard Lee

9. HTML tags should be specified within:

   (a) [ ]   (b) { }   (c) ( )   (d) < >

10. Which feature is used to call attention to the reader?

    a) Highlight   b) Bold   c) Italics   d) Underline

11. The tag used to create dropdown list box in HTML is:

    a) <dropdown>   b) <select>   c) <list box>   d) <input>

12. Expansion of CSS

    a) Cascading Style Schools   b) Cascading Style Scheme

    c) Cascading Style Sheets   d) Cascading Style Shares

13. Java Scripts can be implemented using which statements?

    a) <head>   b) <Java>   c) <script>   d) <text>

14. _____ statement can be used as alterative to if-else statement.

    a) while   b) if   c) else-if   d) switch

15. Predefined functions are also called as

    a) Library functions   b) storage functions   c) instructions   d) commands

Part – II

Note: Answer any six questions. Question No. 24 is Compulsory.   6x2 =12

16. What are the components of a CPU?

17. What is a program counter?

18. What is multi-user Operating System?

19. How do you insert pictures in to your document?

20. What are the options available in "Insert Cells" dialog box?

21. Write examples for web browser.

22. What is the use of <mark> tag?

23. What is TSCII?

24. Write the syntax of conditional operator of Javascript

Part – III

Note: Answer any six questions. Question No. 24 is Compulsory.   6x3 =18

25. Write short note on impact printer

26. Convert $(150)_{10}$ into Binary, then convert that Binary number to Octal

27. Classify the microprocessor based on the size of the data.

28. Write a note on Recycle bin.

29. Differentiate Data Card and Dongles

30. Write the advantages of CSS.

31. Explain the main attributes used with <form> Tag.

32. What are ethical issues? Name some.

33. What message will be displayed, if the input for age is given as 20, for the following snippet.

   if (age> = 18)

   {

   alert ("you are eligible to get Driving licence");

   }

   else

   {

   alert ("you are not eligible to get driving licence");

   }

Part – IV

Note: Answer all the questions.   **5x5=25**

34. a) Explain the basic components of a computer with a neat diagram.

Or

   b) (i) Add $1101010_2 + 101101_2$

       (ii) Subtract $1101011_2 - 111010_2$

35. a) Explain the types of ROM.

Or

   b) Write the steps to Find and Replace a word with another word in OpenOffice Writer?

36. a) Write the steps to generate the following series. 5, 10, 20 …. 2560.

Or

   b) Explain any five internet applications with suitable examples.

37. a) Explain the type of list with suitable HTML code.

Or

   b) Explain the values of <input> tag's type attribute.

38. a) Explain about the Arithmetic operator with suitable example.

Or

   b) Explain switch case statement with example.

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