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HALF YEARLY EXAMINATION – 2024
COMPUTER APPLICATIONS

11-STD

Time : 3.00 Hours   Marks :70

PART – I   15 X 1 = 15

Note : I) Answer all the questions . II) Choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer.

1. 2^{40} is referred as
   (a) Kilo   (b) Tera   (c) Peta   (d) Zetta

2. How many bits constitute a word?
   (a) 8   (b) 16 (c) 32 (d) determined by the processor used.

3. Which of the following OS is a Commercially licensed Operating system?
   (a) Windows   (b) UBUNTU (c) FEDORA   (d) REDHAT

4. Which is the default folder for many Windows Applications to save your file?
   (a) My Document (b) My Pictures   (c) Documents and Settings   (d) My Computer

5. What is the short cut key for Undo?
   (a) Ctrl +E   (b) Ctrl + U   (c) Ctrl + Z   (d) Ctrl + N

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. Hotspot uses which type of network services?
   (a) LAN   (b) PAN   (c) WLAN   (d) CAN

9. Which of the following symbol is used to define a closing tag?
   (a) <>   (b) %   (c) /   (d) \

10. A list block can be defined inside another list is:
    (a) Inner List   (b) Nested List   (c) Outer List   (d) Listing List

11. What is selector?
    (a) Property   (b) Value   (c) HTML tag (d) name

12. Expand CGI
    (a) Common Gateway Interface   (b) Complex Gateway Information
    (c) Common Gateway Information   (d) Complex Gateway Interface

13. Which of the following is not a looping statement?
    (a) Switch   (b) While   (c) Do-While   (d) For

14. Predefined functions are also called as
    (a) Library functions (b) storage functions   (c) instructions   (d) commands

15. Which one of the following are self-repeating and do not require a computer program to attach themselves?
    (a) viruses   (b) worms   (c) spyware   (d) Trojans

PART – II   6 X 2 =12

Note: I) Answer any Six questions, Question No. 24 is compulsory.

16. Distinguish between data and information.

17. What is a program counter?
18. What are the different types of orientation?
19. What is Cyber Crime?
20. List out the popular image formats?
21. Write the role of variable in JavaScript.
22. Write a note on user defined functions..
23. What is Phishing?
24. What is TSCII?

PART – III

6 X 3 = 18

Note: I) Answer any Six questions, Question No. 33 is compulsory.

25. Write the two ways to create a new folder.
26. What is a Normal view? Explain.
27. Differentiate Data Card and Dongles..
28. How do you view the source file?
29. What are the advantages of using CSS?.
30. Differentiate between while and do while statements.
31. Differentiate PROM and EPROM?
32. Write about encryption and decryption.
33. Write a program in JavaScript to find the sum of 10 numbers using function..

PART – IV

Note: I) Answer all the questions.

5 X 5 = 25

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

(OR)

Explain the concept of a Distributed Operating System along with its advantages.

35. i) Convert $(58.46)_{10}$ to Binary

ii) Find 1's Complement and 2's Complement for the following Decimal number a) -65 b) -46

(OR)

What are the different methods to change margin in Writer?

36. Write HTML code to produce the following table:

Class	Boys	Girls
XI	75	80
XII	65	70

(OR)

List and explain the Font and text element properties and values used in CSS.

37. Explain about the Arithmetic operator with suitable example?

(OR)

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

38. Write the different types of cyber attacks?

(OR)

Explain switch case statement with example?

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