VILLUPURAM DIST.

Register Number

Class : 11

COMMON QUARTERLY EXAMINATION - 2024 - 25
COMPUTER APPLICATION

Time Allowed : 3.00 Hours]   [Max. 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 and pencil to draw diagrams.

PART - I

15x1=15

Note : (i) Answer All the questions.

(ii) Choose the correct answer and write the option code & the corresponding answer.

1. First generation computers used
   a) Vacuum tubes   b) Transistors   c) Integrated circuits   d) Microprocessors

2. For 1101_2 the equivalent Hexadecimal equivalent is?
   a) F   b) E   c) D   d) B

3. Which is the fastest memory?
   a) Hard disk   b) Main memory   c) Cache memory   d) Blue-Ray disc

4. What is the smallest size of data represented in a CD?
   a) Blocks   b) Sectors   c) Pits   d) Tracks

5. Which of the following Operating systems support Mobile Devices?
   a) Windows 7   b) Linux   c) BOSS   d) Ios

6. Interactive Operating System provides
   a) Graphics User Interface (GUI)   b) Data Distribution
   c) Security Management   d) Real Time Processing

7. 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

8. The shortcut key used to rename a file in windows
   a) F2   b) F4   c) F5   d) F6

9. Which button selects all instances of the search text in the document?
   a) Find   b) Find All   c) Replace   d) Replace All

10. Which is the opening screen of Open Office?
    a) Star desktop   b) Star center   c) Star screen   d) Star window

11. Which is the first electronic spreadsheet?
    a) Excel   b) Lotus 1-2-3   c) Visicalc   d) OpenOffice Cal

12. Which is used to move quickly from one slide to another?
    a) Compass   b) Navigator   c) Fill color   d) Page border

13. Identify the extension of the Impress presentation.
    a) .odp   b) .ppt   c) .odb   d) .ood

14. W3C was established in 1994 by
    a) Tim Berners - Lee   b) Tim Burnard Lee   c) Kim Berners   d) Kim Bernard Lee

15. Safari web browser was developed by
    a) Google   b) Apple   c) Microsoft   d) Linux Corpn.

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PART – II

II. Answer any 6 Questions. Answer Q.No. 24 Compulsory   6x2=12

16. Write the Functions of Control Unit.

17. Convert $(46)_{10}$ into Binary number.

18. What is a program counter?

19. What are the different Operating Systems used in computer?

20. Differentiate Files and Folders.

21. What are the different packages in OpenOffice Writer?

22. What is a Cell pointer?

23. What do you understand by a presentation?

24. What is a Network?

PART – III

III. Answer any 6 Questions. Answer Q.No. 33 Compulsory   6x3=18

25. Write short note on impact printer

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

27. How will you differentiate a flash memory and an EEPROM?

28. Write a note on Multiprocessing.

29. What are the functions of Windows Operating system.

30. What are the different types of orientation?

31. Differentiate Deleting data using Backspace and Delete

32. How many types of views are provided by Impress to its users?

33. Differentiate Data Card and Dongles.

PART – IV

IV. Answer all the Questions.   5x5=25

34. (a) Explain the basic components of a computer with a neat diagram
    (OR)
    (b) Explain the do's and don't of safe surfing on internet.

35. (a) Discuss the various generations of computers.
    (OR)
    (b) Explain about changing the column width in Calc.

36. (a) Explain the concept of a Distributed Operating System along with its advantages.
    (OR)
    (b) What is Header and Footer? How do you insert page numbers in footer area

37. (a) **Explain the following:**

    i) Inkjet Printer   ii) Multimedia projector   iii) Bar code / QR code Reader
    (OR)
    (b) Explain the different ways of finding a file or Folder

38. (a) (i) Add $(1101010)_2 + (101101)_2$ (ii) Subtract $(1101011)_2 - (111010)_2$
    (OR)
    (b) Arrange the memory devices in ascending order based on the access time.

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