

Class : 11Register
Number**COMMON HALF YEARLY EXAMINATION - 2024 - 25****COMPUTER APPLICATION**

Time Allowed : 3.00 Hours]

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[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

Note : (i) Answer All the questions.

15x1=15

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

- Which generation of computer used IC's?
 - First
 - Second
 - Third
 - Fourth
- Expansion for ISCI
 - Indian School Code for Information Interchange
 - Indian Standard Code for Information Interchange
 - India Standard Code for Information Interchange
 - Indian Society Code for Information Interchange
- Mention the thickness of CD-ROM
 - 1.1 mm
 - 1.2mm
 - 1.3mm
 - 1.4mm
- Which of the following Operating systems support Mobile Devices?
 - Windows 7
 - Linux
 - BOSS
 - iOS
- The shortcut key used to rename a file in windows
 - F2
 - F4
 - F5
 - F6
- What is the short cut key for cut?
 - Ctrl + X
 - Ctrl + C
 - Ctrl + V
 - Ctrl + Z
- Which is the first electronic spreadsheet?
 - Excel
 - Lotus 1-2-3
 - Visicalc
 - OpenOffice Calc
- Identify the extension of the Impress presentation.
 - .odp
 - .ppt
 - .odb
 - .ood
- Expansion of W3C
 - World Wide Web Consortium
 - Wide World Web Consortium
 - World Web Wide Consortium
 - World Wide Web Consortium
- Which of the following attribute is used to change text colour within body tag?
 - bgcolor
 - background
 - text
 - color
- The important attributes used with the <form> tag is
 - method and action
 - name and size
 - post and get
 - type and name
- JavaScript ignores spaces that appear between
 - Command
 - Scripts
 - Tokens
 - Text
- The parameters work as
 - Local variable
 - Global variable
 - File variable
 - Block variable
- The process of converting cipher text to plain text is called
 - Encryption
 - Decryption
 - Key
 - proxy server

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15. ----- is a type of malicious program that demands payment after launching a cyber-attack on a computer system.
- (a) Ransomware (b) Spyware (c) Worms (d) Virus

PART – II

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

6x2=12

16. What is the function of an ALU?
17. Write the 2's complement procedure.
18. What is a program counter?
19. List out any two uses of Operating System?
20. Mention the two different methods for Tamil typing in OpenOffice Writer.
21. What is a Cell pointer?
22. What is Phishing?
23. List the search engines supported by Tamil language.
24. Write a HTML code to highlight "electronic" in the following sentence. A Computer is an electronic device

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PART – III

III. Answer any six questions. Question No. 33 is compulsory.

6x3=18

25. Write the characteristics of sixth generation.
26. Perform binary addition for the following: $(-21)_{10} + (5)_{10}$
27. Differentiate Computer Organization from Computer Architecture.
28. List out the key features of Operating system.
29. In cell A1=34 A2=65 A3=89 write the formula to find the average.
30. Define the Slide Sorter view and its significance.
31. Differentiate Data Card and Dongles.
32. Write about encryption and decryption.
33. Write a program in JavaScript to find the sum of 10 numbers using function.

PART – IV

IV. Answer all the questions.

5x5=25

34. (a) Explain the following

(i) Inkjet Printer

(ii) Multimedia projector

(iii) Bar code / QR code Reader

(OR)

(b) (i) Add $(11101010)_2 + (1001101)_2$ (ii) Subtract $(11001011)_2 - (1111010)_2$

35. (a) What is Header and Footer? How do you insert page numbers in footer area?

(OR)

(b) Explain about changing the column width in Calc.

36. (a) List some advantages of using templates.

(OR)

(b) Explain any five types of internet services

37. (a) Write the basic structure of a HTML program.

(OR)

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

38. (a) Write a Java Script program using while statement to display 10 numbers.

(OR)

(b) Write the different types of cyber-attacks

TPR/11/C.A/2