SVG

Time : 3.00 hours

SPECIAL TEST - 2020

STANDARD - XI

COMPUTER SCIENCE

PART - A

Reg. No.

Total Marks : 70

I. Choose the correct answer :   15x1=15

1. When a system restarts .... which type of booting is used
   a) Warm booting   b) Cold booting   c) Touch boot   d) Real boot

2. 2^{70} is referred as
   a) Kilo   b) Tera   c) Peta   d) Zetta

3. Which of the following is a CISC processor?
   a) Intel P6   b) AMD K6   c) Pentium III   d) Pentium IV

4. File Management manages
   a) Files   b) Folders   c) Directory systems   d) All the above

5. Indentify the default email client in Ubuntu
   a) Thunderbird   b) Firefox   c) Internet Explorer   d) Chrome

6. If i = 5 before the assignment i:=i-1 after the assignment, the value of i is
   a) (a) 5   b) 4   c) 3   d) 2

7. Who coined C++?
   a) Rick Mascitti   b) Rick Bjarne   c) Bill Gates   d) Dennis Ritchie

8. How many times the following loop will execute? for (int i=0; i<10;i++)
   a) 0   b) 10   c) 9   d) 11

9. Which function begins the program execution?
   a) isalpha()   b) isdigit()   c) main()   d) islower()

10. Structure defnition is terminated by
    a) :   b) }   c) ;   d) ::

11. Which of the following operator is by default overloaded by the compliler?
    a) *   b) +   c) +=   d) ==

12. Which of the following refers to a function having more than one distinct meaning?
    a) Function Overloading   b) Member overloading
    c) Operator overloading   d) Operations overloading

13. Which amongst the following is executed in the order of inheritance?
    a) Destructor   b) Member function
    c) Constructor   d) Object

14. Te process of converting cipher text to plain text is called
    a) Encryption   b) Decryption   c) Key   d) proxy server

15. .... Tamil keyboard using Android
    a) NHM Writer   b) E-Kalappai   c) Lippikar   d) Sellinam

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PART - B

II. Very short answer any six questions. Question No. 24 is compulsory.   6x2=12

16. What are the components of CPU?
17. Convert $(111011)_2$ into its equivalent decimal number
18. What are the different Operating Systems used in computer?
19. Differentiate Files and Folders.
20. What are keywords? Can keywords be used as identifers?
21. What is objects?
22. Write a short note on cracking.
23. Deifferentiate array and structure.
24. Compare an if and a ? : operator.

PART - C

II. Short answer any six questions. Question No. 33 is compulsory.   6x3=18

25. Differentiate optical and Laser mouse.
26. How will you differentiate a flash memory and an EEPROM?
27. What are the most popular Linux server distributors?
28. What is case analysis?
29. Write the syntax and purpose of switch statement.
30. Write about strcmp() function.
31. What are the advantages of OOPS?
32. What are the rules for Function Overloading?
33. Write a short program to print following series:
    1 4 7 10 40

PART - D

II. Answer to all questions.   5x5=25

34. a) Discuss the various generation of computer.
    b) Explain the main purpose of an operating System.
35. a) Explain the Various versions of windows.
    b) Explain the characteristics of microprocessor?
36. a) C++ program to display number from 10 to 1 using do-while loop.
    b) Explain the while Statement with examples
37. a) Explain scope of variable with example.
    b) how will you pass two dimensional array to a function explain.
38. a) Mention the differences between construction and Destructor.
    b) Explain the type of inheritance?

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