FIRST YEAR HIGHER SECONDARY EXAMINATION

Part – III   Time : 2 Hours

COMPUTER APPLICATION   Cool-off time : 15 Minutes

(COMMERCE)

Maximum : 60 Scores

PART – I

Answer any 5 questions from 1 to 6. Each carries 1 score.   (5 x 1 = 5)

1.   Processed data is known as _____.
2.   Write the full form of HDMI.
3.   Which is the keyword used for empty data type?
4.   The starting symbol of a preprocessor directive statement is ....
5.   Give an example for exit controlled loop.
6.   Any device which is directly connected to a computer network is called ....

PART – II

Answer any 9 questions from 7 to 18. Each carries 2 scores.   (9 x 2 = 18)

7.   How data is different from information ?
8.   Convert $(23)_{10}$ to binary.
9.   Compare RAM and ROM.
10.   List e-waste disposal methods.
11.   What is debugging?
12.   List fundamental data types.
13.   What is cascading of I/O operators?
14.   List the type modifiers in C++.
15.   Define nested if.
16.   How is entry controlled loop different from exit controlled loop?
17.   Compare hub and switch.
18.   List any four advantages of computer network.

PART – III

Answer any 9 questions from 19 to 29. Each carries 3 scores. **(9 x 3 = 27)**

19. Compare ASCII with UNICODE.

20. Write an algorithm to find the sum and average of three numbers.

21. List the phases of programming.

22. What is Token? List any four tokens.

23. Write down the rules for forming identifiers.

24. Explain logical operators in C++.

25. Define the terms:

    (a) Phishing

    (b) WWW

    (c) Hacking

26. Write the advantages of Email.

27. Write the structure of C++ program.

28. Write and explain any three e-learning tools.

29. (a) Write any two challenges for implementing e-Governance. (2)

    (b) Write an example for search engine. (1)

PART – IV

Answer any 2 questions from 30 to 32. Each carries 5 scores. **(2 x 5 = 10)**

30. List and explain any five input devices.

31. (a) Rewrite the following code using while loop. (3)

    for(i=1;i<=5;i++)

        cout<<i;

    (b) What are the elements of a looping statement in C++? (2)

32. Define topology. List and explain any two topologies.

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