Roll No......

Total No. of Questions : 30]

[Total No. of Printed Pages : 4

XIKDRO/N19
25533-Z
COMPUTER SCIENCE

Time : 3 Hours]

[Maximum Marks : 70

Section–A

(Very Short Answer Type Questions)   1 each

1.   Define Booting.

2.   The computer are mainly classified into three categories.   (True/False)

3.   The base of decimal number system is :

   (A)   2   (B)   8

   (C)   10   (D)   16

4.   Define Anti-virus.

5.   Define clock speed.

6.   What is linking in C++ ?

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7.   Define integer constants.

8.   Define 'If-Else' statement.

9.   Define Pow( ) function.

10.   What is function prototype ?

11.   There are .... kinds of scope(s) in C++.   (Fill in the blank)

12.   Define two-dimensional array.

Section–B

(Short Answer Type Questions–I)   2 each

13.   Define system software.

Or

Draw block diagram of computer.

14.   Define Linux.

15.   Convert : $(1101)_2$ into decimal number.

16.   What is vacuum tube technology ?

17.   Define keywords and identifiers.

18. Define Access Modifier.

19. Explain Do-While-Loop and While-Loop.

20. Explain IS Alpha() and IS digit().

21. Define global variables.

Section–C

(Short Answer Type Questions–II)   4 each

22. Write the steps for Renaming of files.

Or

Differentiate between CISC and RISC.

23. Explain RAM and ROM.

24. Explain comments and indentation.

25. Explain time sharing operating system.

26. Explain call by value with C++ example.

27. Write a program to calculate sum and product of 3 × 3 matrix.

28. Write a C++ program to find the sum of elements.

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Section—D

(Long Answer Type Questions)

6 each

29. What do you mean by errors ? Explain logical errors.

Or

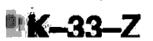Define Documentation. Explain its types.

30. Define operating system. Explain its functions.

Or

What is a Port ? Explain serial and parallel Ports.