Duration: 2 $^{1/2}$Hrs   **Marks: - 75**

Note:-

1) All Questions are compulsory

2) Figures to the right indicate maximum marks.

Q1) Answer the following (Any 4 out of 6)   **(20 M)**

    1) Explain data type in detail.   (CO1) (U)

    2) What is Identifier? Explain it rules.   (CO1) (R)

    3) Explain Iteration statement.   (CO1) (U)

    4) Explain function.   (CO1) (U)

    5) WAP to accept 2 number and SWAP the values.   (CO3) (A)

    6) WAP to print sum of 10 number.   (CO1) (A)

Q2) Answer the following (Any 4 out of 6)   **(20 M)**

    1) What is Encapsulation? Explain.   (CO2) (R)

    2) Explain types of constructor.   (CO2) (U)

    3) What are the oop's concept?   (CO2) (R)

    4) What is destructor? And its purpose Explain with an example.   (CO2) (R)

    5) WAP to demonstrate Classes and Object.   (CO2) (A)

    6) WAP to Print 2d Array.   (CO2) (A)

Q3) Answer the following (Any 4 out of 6)   **(20 M)**

    1) Explain string functions.   (CO3) (U)

    2) What is Inheritance and its purpose?   (CO3) (R)

    3) Demonstrate Multilevel Inheritance.   (CO3) (A)

    4) Explain file Handling in details.   (CO3) (U)

    5) WAP to count no of characters from file.   (CO3) (A)

    6) What is Pointer?   (CO3) (R)

Q4) Answer the following (Any 5 out of 6)   **(15 M)**

    1) Write short note on operators.   (CO1) (R)

    2) Explain switch case.   (CO1) (U)

    3) Write short note on Array.   (CO3) (R)

    4) Write Difference between POP & OOP.   (CO2) (R)

    5) Explain Binary file.   (CO3) (U)

    6) Demonstrate Abstraction using example.   (CO2) (A)

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