_____

Q 1) A) Select the correct alternatives and rewrite the sentence.   (4 M)
1. _____ symbol is used to declare destructor function in C++.
   a) +   c) ~
   b) ::   d) ?
2. A pointer is a variable that holds _____ of another variable.
   a) Value   c) Memory Address
   b) Data-type   d) None of the above
3. COLSPAN attribute is used with _____ tag.
   a) <HTML>   c) <ALT>
   b) <Table>   d) <OL>
4. _____ tag is used to put a line break in HTML code.
   a) <DL>   c) <BODY>
   b)
          d) < Head>

B) Answer any two of the following.   (6 M)
1. Explain Insertion and Exertion operators in C++.
2. What is HTML? Write Advantages and Disadvantages of HTML.
3. What is Function? Explain the concept of function overloading with example.

Q 2) A) Answer any two of the following: (6 M)
1. What is Friend function in C++? Write the characteristics of Friend function.
2. What is constructor? Explain with example.
3. Explain with example heading level tags of HTML.

B) Answer any one of the following: (4 M)
1. What is Inheritance? Explain the types of inheritance with example.
2. Explain following tags with example:
   a) <IMG>
   b) <A>

Q 3) A) Answer any two of the following: (6 M)
1. Explain types of lists in HTML with suitable example.
2. What is polymorphism? Explain Runtime and Compile time polymorphism.
3. Explain the concept of Virtual function and write it's characteristics.

B) Answer any one of the following: (4 M)
1. What is operator overloading? Explain with example.
2. Explain the following tag of HTML:
   a) <P> tag   b) <HR> tag   c) <PRE> tag   d) <Marquee> tag

Q 4) A) Answer any two of the following: (6 M)
1. Differentiate between Constructor and Destructor.
2. Write Benefits of OOP's.
3. Write physical style tags with example for each.

B) Answer any one of the following: (4 M)
1. Explain the concept of File Handling with example.
2. Explain colspan and rowspan attributes of <Table> tag with example.

Q 5) A) Answer any two of the following: (10 M)
1. Write a program in CPP to print factorial of given number.
2. Write a program in CPP to replace every space in inputted line with hyphen.
3. Write Html program for following output:

V.I.P SALES		
STATIONARY	ERASER	5
	PENCIL	6
	PEN	10
	BOOK	20
TOTAL		41

OR

Q 5) B) Answer any two of the following: (10 M)
1. Write a program in CPP to accept values of two variables and exchange them using call by reference.
2. Write a program in CPP to create class named Avg which accepts value for three variable and a function print() to print the average of these variables.
3. Write Html program to print following output:

Service of Operating System

- Information Management
  1. Type Based System
  2. Disk Based System
- Process Management
- Memory Management