

PART B

Q2 a)What is function overloading in C++? Explain with the help of example. [10 Marks]

OR

b) (i)What is difference between inline and non-inline members? [5 Marks]

(ii)WAP to demonstrate the use of inline function in c++.

Q3 a)Write a program for default and parameterized constructor in C++. [10 Marks]

OR

b) (i)Define a Constructor and write a program for copy constructor? [5 Marks]

(ii)What is conditional operator?explain with a program? [5 Marks]

Q4 a)Wap to Overload Relational operator? [10 Marks]

OR

b) (i)Explain the concept of default arguments with a program. [5 Marks]

(ii)WAP to perform all the arithmetic operations. [5 Marks]

Q5 a)What is the difference between compile and run-time polymorphism? [10 Marks]

OR

b) (i)Write a short note on standard Template Library (STL)?. [5 Marks]

(ii) What is memory leak problem in C++? [5 Marks]

Q6 a)Explain call by reference method of passing arguments. [10 Marks]

OR

b) (i)What s Operator Overloading ,write the program to implement unary operator overloading? [5 Marks]

(ii)Explain any 5 functions in string class.