Std 10 SELF ASSESSMENT TEST COMPUTER APPLICATIONS FM: 20 TIME: 40 mins.

Q1. Define function? What are the various significance of a function? [3]

Q2. State two similarities and two differences between a function and a constructor? [3]

Q3. What do you understand by 'Default constructor"? Illustrate with an example? [2]

Q4. Design a class to overload a function called **Check( )** and to perform the following : [5]

a. To accept two integers and return the greater.
b. To accept three integers and print the greatest.
c. To accept two characters and return the greater of their ascii values.

Q5. **Classname** **Bank** [8]

Instance Variables :

String nm	Customer name
String acn	Accountnumber
String atyp	Account type
double bal	Balance amount in the account

Member functions :

Bank( )	Constructor to assign initial values to the above datamembers.
Bank(String n, String ac, String at, double b)	Parameterized constructor to assign the above Variables.
double Deposit(int p)	Returns balance after deposit.
double Withdraw(int y)	Returns balance after withdrawal. However, a minimum of Rs.1500 should be present in the account. In case of low balance, " INSUFFICIENT BALANCE " should be displayed.
void Print( )	Prints the customer details including balance after deposit as well as balance after withdrawal.

Write main( ) to invoke the constructor alongwith the above methods.