

10/6/2011

F.F II (All Branches)
Computer Programming-II

Con. 3149-11.

RK-1107

(3 Hours)

[Total Marks : 100

- N. B. :** (1) Question No. 1 is **compulsory**.
(2) Answer any **four** out of the remaining **six** questions.
(3) Assume **suitable** data wherever **necessary**.

1. (a) Explain life cycle of Applet. 10
(b) With example explain the steps to create a package and add a class or interface. 10
 2. Create 3 Vectors Bank, Deposit, Withdraw. Perform following operations :— 20
 - (a) New Customer – data should be added in bank vector.
 - (b) Withdrawal of requested amount if the customer exists in Bank vector. The Account no, withdrawal amount and date should be added into withdrawal vector and amount should be deducted from balance in Bank vector.
 - (c) Deposition of requested amount if the customer exists in Bank vector. The Account no, amount and date should be added into deposit vector and amount should be added to balance in Bank vector.
 - (d) View the contents of an account.
 3. (a) Explain Exception handling with programmatic examples. 10
(b) Write a program in Java to accept a no and compute summation of digits recursively. 10
 4. (a) Explain Thread life cycle. 10
(b) Write a note on access/visibility specifiers. 10
 5. (a) With suitable examples explain different types of Inheritance. 10
(b) Write a Java program to accept a no from command line and print the sum of cube of individual digits. 10
 6. State difference between :— 20
 - (a) Applet and Application
 - (b) Abstract Class and Interface
 - (c) Vector and Array
 - (d) String and String Buffer.
 7. Write short notes on :— 20
 - (a) Synchronization
 - (b) JVM
 - (c) Wrapper Class
 - (d) toString ()
-