SIXTH SEMESTER B.Com. DEGREE EXAMINATION, 2014

Paper V—COMPUTER APPLICATIONS IN BUSINESS—V

Time : Three Hours   Maximum : 80 Marks

*Attempt **all** questions according to internal choice.*
Question 12, *case study is* **compulsory**.

Section A

1. Answer any *ten* questions, each carries 2 marks :

    (a)   What is the difference between Print( ) and Println( ) ?

    (b)   What is Encapsulation ?

    (c)   What do you mean by multithreading in JAVA ?

    (d)   Write the syntax of do-while loop in JAVA.

    (e)   List any *four* keywords of JAVA.

    (f)   Name different types of computer networks.

    (g)   Define E-Commece.

    (h)   What is Intranet ?

    (i)   Define Digital Signature.

    (j)   Write any *two* applications of E-Commerce.

    (k)   What is Cryptography ?

    (l)   Expand : (i) AWT ; (ii) API.

                                                                            $(10 \times 2 = 20$ marks)

Section B

*Answer any **three** questions, each carries 5 marks.*

2. Explain while loop in JAVA with syntax and example.

3. Write a JAVA progrm to print odd numbers between 25 and 75. Find their sum.

4. What is computer networking ? Write its four advantages.

5. Write the features of E-Commerce.

6. What is EDI ? Write its merits.

7. Explain Supply Chain Managemnt (SCM).

                                                                            $(3 \times 5 = 15$ marks)

Section C

*Answer any **three** questions, including **Question 12** which is **compulsory**, each carries 15 marks.*

8. Explain the structure of JAVA program with an example. Give the steps to compile a JAVA program.

9. What is network topology ? Explain different topologies with their block diagrams.

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10. Explain the benefits and limitations of E-Commerce.

11. Discuss the various Electronic Payment Systems.

12. Globarena Telecommunications Pvt. Ltd., Bengaluru has newly introduced Mobile Banking Services along with its existing SMS and call services. It appoints you in connection with the development of its billing system. You are required to write a JAVA program with the following information :

   (a) Read customer name, Mobile No., No. of calls, No. of Mobile Recharge transactions, No. of Money Transfer transactions and No. of Ticket Booking transactions.

   (b) Calculate call charges at the following rates :

   If calls <=100 then, call charge is Re. 1 per call.

   If calls >100 and calls <=200 then, call charge is Re. 0.75 per call.

   Else call charge is Re. 0.60 per call.

   (c) Calculate Mobile Banking charges at the following rates :

   MR charges = No. of Mobile Recharge transactions × Rs. 2

   MT charges = No. of Money Transfer transactins × Rs. 4

   TB charges = No. of Ticket Booking transactions × Rs. 8.

   (d) Calcualte :

   Mobile Banking charges = MR charges + MT charges + TB charges.

   (e) Calculate :

   Total charges = Call charges + Mobile banking charges.

Add service tax at 10 % on total charges. Print mobile bill in your own format.

13. Write short notes on :

   (a) Data types of JAVA.

   (b) Business Process Re-engineering (BPR).

   (c) Electronic Fund Transfer (EFT).

(3 × 15 = 45 marks)