BTC – 33

III Semester B.Tech. Examination, Feb./March 2010
SYSTEM ANALYSIS AND DESIGN

Time : 3 Hours   Max. Marks : 80

Instructions *: 1) Answer **all** questions in Part **A**, **6** out of 8 questions in Part **B** and **3** out of 5 questions in Part **C**.*
*2) Part **A** : Questions from **1** to **8** carry **1** mark and **9** to **14** carry **2** marks **each**.*
*3) Part **B** : **Each** question carries **5** marks.*
*4) Part **C** : **Each** question carries **10** marks.*

PART – A

1. Define System.

2. Name the types of Data.

3. Name the characteristics of a System.

4. What is an Information System ?

5. What is SDLC ?

6. Name the types of feasibility.

7. Define System Analysis.

8. What is sampling ?

9. What are the advantages of logical data flow diagram.

10. What is Data Dictionary?

11. Write a short note on Smart card.

12. What are the goals of output design ?

13. What are the attributes of good data base management system ?

14. What are the features of Project ?

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PART – B

1. What are the goals and objectives of System Design ?

2. How to convert data into information ?

3. What are the characteristics of a System ?

4. What is Quality Assurance ? Explain.

5. Why do we use System Development Methodologies ?

6. What are the factors that depend upon feasibility study ?

7. What are the major roles of System Analyst ?

8. Explain Sampling Design Steps.

PART – C

1. How to develop logical and physical data flow diagrams ? What are the advantages and disadvantages of data flow diagram ?

2. Discuss Order Processing System as a Case study.

3. Explain Typical characteristics of a data store those are stored in the data repository.

4. Explain the objectives of Input Design.

5. Explain the types of Output.

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