XA (I) - Infosyst (4)

2017-20

Time : 4 Hours

Full Marks : 80

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

Answer any five questions.

1. What is Feasibility study? Which are the different types of Feasibilities, studied?

2. Describe SPIRAL model of Software Delopited.

3. Describe the FORMAT of SRS-Document.

4. Write short notes on any four :

   (a) Decision Trees

   (b) Decesion Tables

   (c) Structure Charts

   (d) Flow Charts

   (e) Class Diagram

   (f) Data Flow Diagrams

5. Explain the basic Design Concepts for Software Design.

6. What are different types of COUPLINGS & COHESIONs found in S. W. Design.

7. Describe the steps of DFD levelling with a suitable example.

8. Draw a DFD for Payroll System with following modules :

   (i) Input

   (ii) Validation

   (iii) Calculation

   (iv) General

   Make necessary asumptions if required.

9. Describe ISO quality standards for Software Development.

10. Describe the concept of Software size.