Additional Exam
(2014)

S.Y.C.S. S
Computer. III
4|3|1

VCD- 040315   S.Y.B.SC.(C.S.) COMP-III –SEM-IV - 2014-15 – 75 -2½HRS

Note: All questions are compulsory.

Q.1 Attempt any four.   (20)

   a. Explain different software quality factors.

   b. Explain RAD model with its advantages and disadvantages.

   c. What is feasibility study? Explain with its different types.

   d. Write short note on project staffing and scheduling.

   e. Explain Prototyping Model with advantages and disadvantages.

   f. Explain Cost Estimation model.

   g. Explain Risk management.

   h. What is software? Explain types of software.

Q.2 Attempt any four.   (20)

   a. Write short note on stakeholders with its different types.

   b. Explain data entities, attributes, relationships and cardinality of ERD

   c. Draw event table for railway reservation process.

   d. Explain decision tree with example.

   e. Write short note on Questionnaires.

   f. Explain Structured English with example.

   g. Explain Characteristics of SRS.

   h. Explain following terms
       a. Association b. Generalization

Q.3 Attempt any four.   (20)

   a. What are the different symbols are used in Structure chart explain
      with suitable example?

   b. Write short note on characteristics of good interface.

   c. Explain information hiding and internal documentation.

   d. Write short note on alpha and beta testing.

   e. What is coding? Explain structured programming.

   f. What is V&V model?

   g. What are the different symbols are used in system flow chart explain
      with suitable example?

   h. How to convert ERD to Databases?

Q.4 Attempt any three.   (15)

   a. What are the different symbols are used in Activity diagram explain
      with suitable example?

   b. Explain Decision Table with example.

   c. What is coding? Explain object oriented programming.

   d. Explain following terms   1. Specialization   2. Aggregation

   e. Explain Spiral Model with advantages and disadvantages.

   f. Explain Object Oriented Approach of system development.