Bachelor of Science (Information Technology) (I.T.) Semester–V (CBS) Examination
SOFTWARE PROJECT MANAGEMENT
Paper–1

Time : Three Hours]   [Maximum Marks : 50

N.B. :— (1) All questions are compulsory and carry equal marks.

(2) Draw neat and labelled diagram wherever necessary.

EITHER

1. (a) Write notes on CMMI and PCMM.   5

   (b) What are the considerations in software project planning ?   5

   OR

   (c) Explain process database and process assets.   5

   (d) Explain how software projects are managed.   5

   EITHER

2. (a) What do you mean by requirement analysis in software projects ?   5

   (b) Explain how efforts are evaluated in software.   5

   OR

   (c) Explain in detail any one method of scheduling.   5

   (d) How changes are managed in the software projects ?   5

   EITHER

3. (a) Why quality planning is needed in developing software project ?   5

   (b) How risk is assessed in the software project ?   5

   OR

   (c) What is defect ? How is it prevented ?   5

   (d) Give importance of risk in software projects.   5

   EITHER

4. (a) Explain structure of software project plan.   5

   (b) Write notes on :

      (i) Project Tracking.

      (ii) Issue Resolution.   5

   OR

   (c) Give and explain different steps in software project management plan.   5

   (d) What is measurement ? How is it performed in software projects ?   5

5. Attempt **all** :

   (a) Discuss ϕ software project management.   2½

   (b) List different methods of software process scheduling. Explain any one. 2½

   (c) Explain risk control in software projects.   2½

   (d) Explain the concept of measurement with respect to software projects.   2½