

Bachelor of Science (Information Technology) (I.T.)(Semester-V) Examination

SOFTWARE PROJECT MANAGEMENT

Paper—1

Time : Three Hours]

[Maximum Marks : 50

N.B. :— (1) **ALL** questions are compulsory carry equal marks.

(2) Draw neat and labelled diagram wherever necessary.

EITHER

1. (a) Give process baseline for development process in software project development. 5
- (b) What are the different activities involved in quality and configuration management ? 5

OR

- (c) Explain the role of senior management in software projects. 5
- (d) Give guideline, checklist and template for project management. 5

EITHER

2. (a) What do you mean by process tailoring ? Explain summary-level tailoring. 5
- (b) What is effort estimation ? Explain Bottom-up estimation approach for software projects. 5

OR

- (c) What are the steps considered in change management process ? Explain. 5
- (d) How project is scheduled at high level of management ? Explain. 5

EITHER

3. (a) Explain quantitative approach to quality management in software development project. 5
- (b) What are the different activities considered in risk management and project execution ? 5

OR

- (c) Explain any five risk category and risk mitigation steps in software projects. 5
- (d) What steps are taken for defect prevention activities at the project level ? 5

EITHER

4. (a) What items are considered in week activity report (WAR) ? Explain. 5
(b) How customer communication is performed in software project and how are the issues resolved ? 5

OR

- (c) What are the steps to be taken by the project manager to improve productivity of project development ? 5
(d) What is project tracking ? Explain different types of tracking used in projects. 5
5. Attempt **all** :
- (a) What are the goals of key process areas (KPA) ? 2½
(b) Write a note on estimating schedule. 2½
(c) Explain in brief defect detection and estimation. 2½
(d) Give the structure of project management plan. 2½