

Bachelor of Science (Information Technology) (IT) Semester—V (C.B.S.) Examination
SOFTWARE PROJECT MANAGEMENT
Paper—1

Time : Three Hours]

[Maximum Marks : 50

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

(2) Draw neat and labelled diagram wherever necessary.

1. EITHER

(a) What are different activities involved in project planning ? Explain. 5

(b) What are the key process areas (KPA) for project management ? 5

OR

(c) Explain following stages in project management process :

(i) Project Planning

(ii) Project Execution. 5

(d) Discuss process capability baseline in Software project. 5

2. EITHER

(a) Give standard process chart for Software project development and explain it. 5

(b) Discuss effort estimation model and Top-Down estimation approach. 5

OR

(c) How case point approach is used for calculating efforts ? Explain. 5

(d) How is tailoring of short duration project performed ? Explain. 5

3. EITHER

(a) Explain the procedural approach to quality management in software projects. 5

(b) What is risk assessment ? Explain risk identification and risk prioritization. 5

OR

(c) Explain how risks are controlled in software project ? 5

(d) Discuss defect prevention planning. 5

4. EITHER

(a) How are processes monitored through statistical process control ? Explain. 5

(b) Explain the following points in team management :

(i) Team structure

(ii) Team development. 5

OR

(c) Give plan for software project management. 5

(d) What is defect ? List different defect type, explain any four in detail. 5

5. Attempt ALL :—

(a) Write a note on training for project managers. 2½

(b) What are actual efforts and estimated efforts ? Explain in brief. 2½

(c) Explain scheduling of software project activities. 2½

(d) Write a note on Collecting effort data. 2½