

Bachelor of Science (Information Technology) (I.T.) Semester–V 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 diagrams wherever necessary.

EITHER

1. (a) What is process and project management ? 5
- (b) Write notes on the following :
 - (i) The Capability Maturity Model (CMM)
 - (ii) Project planning and project execution. 5

OR

- (c) Explain process database in detail. 5
- (d) What are process Assets ? Explain the body of knowledge system. 5

EITHER

2. (a) What is Information System Development Process ? Explain with an example. 5
- (b) Write notes on the following :
 - (i) Requirement change management.
 - (ii) The change management process. 5

OR

- (c) What is effort estimation ? Explain Bottom-up estimation in detail. 5
- (d) Explain scheduling, why is detailed scheduling necessary in project management ? 5

EITHER

3. (a) Differentiate between procedural approach and quantitative approach with quality management. 5
- (b) What is defect prevention planning ? Why is it necessary ? 5

OR

- (c) Explain Risk management in detail. 5
- (d) What is Risk control ? 5

EITHER

- 4. (a) Define measurement. Describe steps used in measurements. 5
- (b) What is project tracking ? 5

OR

- (c) Write notes on the following :
 - (i) Team management
 - (ii) Team structure. 5
- (d) What is customer communication and issue resolution ? 5
- 5. Attempt **all** questions :
 - (a) Why is training for project managers necessary ? 2½
 - (b) Explain effort estimation model. 2½
 - (c) What is risk identification ? 2½
 - (d) Explain team development. 2½