

TIT-505

120

Printed Pages : 3

Paper Code & Roll No. to be filled in your Answer Book

Roll No.

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Odd Semester Examination-2016

B.Tech. (Semester-V)**SOFTWARE PROJECT MANAGEMENT**

[Time : 2 Hours]

[Maximum Marks :50]

Note : Attempt **all** questions.1. Attempt **any three** questions : [4×3=12]

- (a) What is software project? Discuss the various categories of software project in brief.
- (b) Describe PERT/CPM chart in brief.
- (c) Illustrate stepwise project planning in detail.
- (d) Discuss resource allocation in context of software project planning.
- (e) Write short note on :
 - (i) Project scope

(ii) Project plan execution

2. Attempt any three questions: [4×3=12]

- (a) Define earned value analysis. Also name earned value indicators.
- (b) Define software review. Also explain types of review.
- (c) Explain project monitoring and control.
- (d) Differentiate cost performance index (CPI) and schedule performance index (SPI).
- (e) Write short notes on :
 - (i) Budgeted cost for work schedule (BCWS)
 - (ii) Cost variance (CV)
 - (iii) Schedule variance (SV)

3. Attempt any three questions : [4×3=12]

- (a) Explain testing objective and principle.
- (b) Define Testing? Explain types of Testing.

- (c) Explain the concept of software quality. What are the software quality attributes ?
- (d) Write short notes on :
 - (i) SEI-CMM model
 - (ii) Cleanroom process
- (e) What is statistical software quality assurance?

4. Attempt **any two** questions: [7×2=14]

- (a) Explain software configuration management.
- (b) Explain risk. Also discuss types of risk.
- (c) Discuss risk management process. Also explain risk breakdown structure (RBS) with example.

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