

Roll No.

24466

B. Tech. 7th Semester (CSE)
Examination – December, 2016

SOFTWARE PROJECT MANAGEMENT

Paper : CSE-403-F

Time : Three Hours]

[Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper.

No complaint in this regard, will be entertained after examination.

Note : Attempt any *five* questions. Question No. 1 is *compulsory*. Select at least *one* question from each Section. All questions carry equal marks.

1. (a) What is a software project ? 5
- (b) What is risk management ? How the risk identification is done ? 5
- (c) Give the significance of cost benefit analysis. 5
- (d) Differentiate between process and product. 5

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SECTION – A

2. (a) What is software project ? Explain various types of software projects briefly. 10
- (b) Explain the following terms : $5 \times 2 = 10$
- (i) Risk activity
 - (ii) Management control
3. What is software project planning ? Explain in detail the various phases of software project planning. 20

SECTION – B

4. (a) Differentiate between waterfall and V-process model with their relative merits and demerits. 10
- (b) What is cost-benefit analysis ? Explain the cost-benefit evaluation techniques in detail. 10
5. What is a risk ? Discuss the various risks in projects ? How the risk management plans are derived and implemented ? 20

SECTION – C

6. What is resource and resource allocation ? Explain various resource allocation techniques in detail. How we identify the resource requirement for good software management ? 20
7. What is organizational structure ? Explain different phases of organizational structure for good software project ? 20

SECTION – D

8. What is software quality ? How we enhance the software quality ? Explain various software quality enhancement techniques in detail. 20
9. Write short note on the following : 10 × 2 = 20
- (i) Project 2000 or equivalent s/w project.
 - (ii) ISO 9126