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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

SECTION – A

2. (a) What is software project ? Explain various types of software projects briefly.   10

   (b) Explain the following terms :   5 × 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