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Total No. of Questions : 09]

[Total No. of Pages : 02

Paper ID [A0535]

(Please fill this Paper ID in OMR Sheet)

B.Tech. (Sem. - 8th)

SOFTWARE PROJECT MANAGEMENT (IT - 408)

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.
- 3) Attempt any **Two** questions from Section - C.

Section - A

Q1)

(10 × 2 = 20)

- a) Write down the name of three types of COCOMO model proposed by Boehm?
- b) Write down the activity of software development life cycle will incur maximum cost.
- c) Which of the following models is better and give Reason for that? Waterfall model and Spiral Model.
- d) What do you mean by Risk analysis?
- e) What is the critical distinction between a milestone and a deliverable?
- f) Can a program be correct and still not exhibit good quality? Explain.
- g) What do you mean by change control?
- h) What is difference between Error and Failure?
- i) If a software product or part of it spends 65% of its operational life cycle in maintenance, why so little attention is paid to maintainability during design phase?
- j) What do you mean by Risk identification?

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Section - B

(4 × 5 = 20)

- Q2) What are the stages involved in the review of a software design?
- Q3) Write short note on version control?
- Q4) What kinds of activities are performed in Software development Life Cycle. Explain any one activity.
- Q5) Explain different configuration management activities?
- Q6) Write down different characteristics of software requirement specification (SRS).

Section - C

(2 × 10 = 20)

- Q7) Write down top 10 risk item identified by Boehm and risk management techniques for managing them?
- Q8) Discuss 20 clauses of ISO 9001 and compare with the practices in the CMM.
- Q9) Write short note on the followings :
- (a) Maturity model.
 - (b) Verification and Validation.

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