

Roll No.

Total No. of Questions : 09]

[Total No. of Pages : 02

B.Tech. (Sem. - 7th / 8th)

SOFTWARE PROJECT MANAGEMENT

SUBJECT CODE : IT - 408 (Elective - III)

Paper ID : [A0535]

[Note : Please fill subject code and paper ID on OMR]

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) Role of changing technology.
- b) Project Cost estimation.
- c) Role of system analyst.
- d) Integrating testing.
- e) Coupling and Cohesion.
- f) Software project documentation.
- g) Activities to support software evolution.
- h) Capability maturity model.
- i) Software technical reviews.
- j) Software Engineering.

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Section - B

(4 × 5 = 20)

- Q2) What are the risks in waterfall model implemented in traditional way?
- Q3) Name the metrics for reliability, effort, software complexity with example.
- Q4) How does a phased life-cycle model assist software management?
- Q5) Some people argue that Formal Technical reviews should assess Programming style as well as correctness. Is this a good idea? Why?
- Q6) Discuss the clauses of ISO-9003 standards.

Section - C

(2 × 10 = 20)

- Q7) Explain Total Quality Management in detail.
- Q8) (a) What are the factors that affect the project cost?
(b) What are the accreditation process of SQA?
- Q9) (a) What are the responsibilities of testing and evaluation team? Discuss in detail.
(b) Define and differentiate between the terms People, Process, Project and Product.

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