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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) What is the purpose of software evaluation?

b) Why no software testing technique is perfect?

c) What is prototyping?

d) What is software technical review?

e) What is project scheduling?

f) Differentiate between Error and Failure?

g) Differentiate between verification and validation.

h) What is difference between functional and non-functional requirements?

i) Explain software configuration management.

j) What are ISO 9003 standards?

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Section - B

(4 × 5 = 20)

Q2) What are the various fundamentals of technical communication? When and where oral communication is required?

Q3) What are various factors associated with cost estimation of a project? Explain any cost estimation technique in brief?

Q4) What is life cycle of software development? Explain briefly.

Q5) Write a note on risk management and the need of analysis of quality system.

Q6) What are the stages involved in the review of a software design?

Section - C

(2 × 10 = 20)

Q7) (a) Write down different characteristics of software requirement specification (SRS).

  (b) Discuss the concept of project scheduling and its benefits?

Q8) List various controlling activities to support software evolution? Discuss the planned and unplanned events that effect software evolution.

Q9) What is the use of ISO standards in the field of software engineering? List and discuss different ISO standards being used?

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