

Roll No. ....

Total No. of Questions : 09]

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**B.Tech. (Sem. - 7<sup>th</sup>/8<sup>th</sup>)**  
**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 quality assurance plan?
- b) What is the purpose of testing?
- c) What is risk management?
- 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 are the ISO 9002 standards for software?
- i) Explain software configuration management.
- j) What is risk analysis?

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**P.T.O.**

**Section - B**

(4 × 5 = 20)

- Q2)** Discuss the organization structure for quality assurance.
- Q3)** List and discuss the various forms of software products?
- Q4)** Write a note on risk management and the need of analysis of quality system.
- Q5)** Discuss briefly the concept of software configuration management?
- Q6)** What is cost estimation? What are the various factors that affect the cost?

**Section - C**

(2 × 10 = 20)

- Q7)** (a) Explain different Level of Capability Maturity model.  
(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)** Discuss the importance of project planning? Also discuss different process models which are applied?

