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 x 2 = 20)

a) What do you mean by Risk identification?

b) Can a program be correct and still not reliable? Explain.

c) What do you mean by version control?

d) What is difference between fault and Error?

e) Explain why maintenance programming may be more challenging than new development.

f) Suppose our software expected size is 100,000 lines of code. Compute the effort and development time in Embedded development mode.

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

h) What is difference between throwaway and evolutionary prototype?

i) No Software Testing technique is perfect. Why?

j) What is the critical distinction between a milestone and a deliverable?

M-175 [1859]　　　　　　　　　　　　　　　　　　　*P.T.O.*

Section - B

(4 x 5 = 20)

Q2) What are the limitations of cost estimation models?

Q3) Explain why a high quality software process should lead to a high-quality software products. Discuss different problems involved with this system of quality management.

Q4) Write short note on quality assurance.

Q5) Differentiate between CMM (Capability Maturity model) and ISO 9001.

Q6) Write down different characteristics of software requirement specification (SRS).

Section - C

(2 x 10 = 20)

Q7) Explain in detail how COCOMO Model is useful in cost estimation?

Q8) Explain different Level of Capability Maturity model.

Q9) Write short note on the followings:
   (a) Change control process.
   (b) Software Technical Review.

M-175

2