Roll No. ☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(IT) (2011 Onwards) (Sem.–7,8)
# SOFTWARE PROJECT MANAGEMENT
Subject Code : BTIT-702
Paper ID : [A3050]

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTION TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students has to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.**

SECTION-A

Ql) Answer briefly :

a) Define software engineering.

b) Define three P's in Software Project Management.

c) What are technical reviews?

d) What is ISO?

e) What is validation?

f) What is COCOMO?

g) What is Software Configuration Management?

h) What is total quality management?

i) What is Verification?

j) What is Risk Identification?

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PUNJABI UNIVERSITY, BFUHS, HPTU, HPSBTE , HARYANA DIPLOMA, MDU HARYANA

SECTION-B

Q2) Explain how a software development effort is initiated and finally terminated in the spiral model.

Q3) Explain change management in software configuration management.

Q4) What are different types of risks that a project might suffer from?

Q5) Discuss the principles of Total Quality Management.

Q6) What is project planning? When does the project planning start and end in the software life cycle?

SECTION-C

Q7) What are the different categories software development projects according to the COCOMO estimation model? Give examples of software product development projects belonging to each of these categories.

Q8) Compare various SDLC models. Why spiral model is known as meta model?

Q9) What are the major phases of the waterfall model of software development? Which phase consumes the maximum effort for developing a typical software product?