EIT601

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 113604

Roll No.

B. Tech.

(SEM. VI) THEORY EXAMINATION, 2014-15

SOFTWARE PROJECT MANAGEMENT

Time : **3** Hours]   [Total Marks : **100**

Note : Attempt all questions

1   Attempt any four parts of the following :   4×5=20

(a)   List at least seven deliverables in a s/w project.

(b)   Enumerate the authorities of a project manager.

(c)   Explain any cost estimation Technique.

(d)   List five factors of failing software project.

(e)   Write about software development team activities.

(f)   Discuss different challenges and problem faced by the project manager / Project leader.

2   Attempt any four parts of the following :   4×5=20

   (a)   Give the overview of the stepwise planning of the software project development.

   (b)   Explain the term project scope with suitable example.

   (c)   Explain dimension of project monitoring and control and presentation. Why presentation is important for good software?

   (d)   Explain all type of software review technique.

   (e)   How to prioritize the monitoring ? Explain.

   (f)   Explain various problem encountered with s/w projects.

3   Attempt any two parts of the following :   2×10=20

   (a)   What do you mean by work breakdown structure in context to software project and product? Discuss with example.

   (b)   What is PERT analysis? Compare and construct

      (i)   Optimistic time estimation.

      (ii)   Pessimistic time estimation.

      (iii)   Most likely time estimation.

   (c)   Explain the terms with relative cases

      (i)   CPI cost performance index.

      (ii)   BCWS budget cost of work scheduled

      (iii)   SPI schedule performance index.

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4   Attempt any two parts of the following :   2×10=20

    (a)   Explain the SEI capability Maturity Model with its all variants.

    (b)   Write and explain software quality attributes. draw Mc-Call quality assurance Model.

    (c)   Define various type of testing strategies with examples.

5   Attempt any two parts of the following :   2×10=20

    (a)   Explain Software configuration Management.

    (b)   Explain all types of risk which is occurs during software development.

    (c)   Explain various type of software project management tools.

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