BICSE-009

B.Tech. – VIEP – COMPUTER SCIENCE AND ENGINEERING (BTCSVI)

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Term-End Examination
June, 2014

BICSE-009 : SOFTWARE PROJECT MANAGEMENT (SPM)

Time : 3 hours   *Maximum Marks : 70*

Note : *Answer any **seven** questions. All questions carry equal marks.*

1. (a) Write down the objectives of software
         project management.   *5*

    (b) Explain about different estimation models
         and methods with suitable examples.   *5*

2. (a) Distinguish between conventional Work
         Breakdown   Structure   (WBS)   and
         evolutionary WBS.   *5*

    (b) Write the major activities needed for WBS.   *5*

3. What is the need of metric ? What do you mean
    by indicators ? List the seven core metrics, their
    purpose and perspectives.   *10*

4. Discuss about the following :   *2×5=10*
    (a) Software configuration management
    (b) Risk breakdown structure (RBS)

5. (a) What are the different ways to organize personnel ? Explain. *5*

(b) Define Review. Explain about different types of reviews in detail. *5*

6. (a) What are the peer inspections used in quality improvement ? *5*

(b) Discuss about various types of testing in brief. *5*

7. (a) Briefly explain the purpose of each of the sections in a software project plan. *5*

(b) What is the critical distinction between a milestone and deliverability ? *5*

8. Define the following : $4 \times 2\frac{1}{2} = 10$

(a) Cost Performance Index

(b) Gantt Chart

(c) Vision and Scope of document

(d) Deskchecks

9. Write short notes on the following : $4 \times 2\frac{1}{2} = 10$

(a) Decision making

(b) Pareto 80/20 rule

(c) COCOMO Model

(d) Program correctness

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