MSIT 31

III Semester M.Sc. (I.T.) Examination, Dec. 2009/Jan. 2010
SOFTWARE PROJECT MANAGEMENT
(Repeater)

Time : 3 Hours   Max. Marks : 75

PART – A

1. What is metrics ?   **(12×2+1×1=25)**

2. Briefly explain decomposition technique.

3. How do you measure effort and time required using COCOMO model ?

4. What is risk management ?

5. List different scheduling methods.

6. Differentiate PERT and CPM.

7. How does centralized team organisation function ?

8. Write any two decomposition technique.

9. What is the advantage of decision tree ? Write an example.

10. Write the duties of chief programmer.

11. What do you mean by product correctness ?

12. List the applications of Gantt Chart.

13. Write any two objectives of software project management.

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PART – B

Answer **any five** :   (**5×10=50**)

1. a) How do you measure software ? Explain.

    b) Briefly explain Halsteads software science.

2. Briefly explain size oriented metrics and function oriented metrics. Write its advantages.

3. Differentiate empirical estimation model and COCOMO model.

4. Write a detailed note on risk analysis.

5. Explain Task parallelism and effort distribution

6. Discuss different types of project tracking systems.

7. a) Briefly explain software acquisition.

    b) Software re-engineering is a important task in project management. Justify.

8. Schedule a project plan and briefly explain it.

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