Question Paper Code : 41453

27/04/18 (FN)

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2018
Seventh / Eighth Semester
Industrial Engineering
MG6088 – SOFTWARE PROJECT MANAGEMENT
(Common to : Computer Science and Engineering /Electronics and Communication Engineering/Mechatronics Engineering /Information Technology)
(Regulations 2013)

Time : Three Hours   Maximum : 100 Marks

Answer ALL questions

PART – A   (10×2=20 Marks)

1. What is the need of Software Project Management ?

2. Define software quality metrics.

3. What is SCRUM ?

4. Brief about two ways of setting objectives.

5. Define Monitoring.

6. What is Monte Carlo simulation method ?

7. How to Visualize Progress ?

8. Distinguish between Earned Value Analysis and Earned Value Management.

9. Define virtual team.

10. What is the role of Ethics in project Management ?

PART – B   (5×16=80 Marks)

11. a) Outline on Management Objectives and Priorities.

(OR)

b) i) What is Risk ? Discuss about Risk Management process.

ii) List out various paradigms, principles to manage the risks in project.

12. a) i) Explain the steps involved for Extreme Programming.

      ii) List all its advantages and disadvantages.

(OR)

   b) What are the Components of Staffing ? Explain the methods of Staffing level estimation.

13. a) What is a critical path Method ? Discuss CPM with activity bar chart.

(OR)

   b) In what way project evaluation and review technique can be represented through activity network ? Explain.

14. a) Who is responsible for Project Tracking ? Brief the different ways to track a project.

(OR)

   b) Discuss in detail the types of contracts with its checklist.

15. a) Explain Hackman and Oldham job characteristics model.

(OR)

   b) How to deal with Ethical and Programming Concerns in software project Management ?