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**Question Paper Code : 41453**

**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 ?