Seat No.

B.E. (Computer Science & Engineering) (Semester - VIII) (Revised) Examination, November - 2018
PROJECT MANAGEMENT
Sub. Code : 67825

Day and Date : Tuesday, 13 - 11 - 2018   **Total Marks : 100**

Time : 10.00 a.m. to 01.00 p.m.

Instructions : 1) Attempt any three questions from each section.
2) Figures to the right indicate full marks.
3) Question No.4 and 8 is compulsory.

SECTION - I

Q1) a) Explain Arrow Diagramming method in detail with example.   **[8]**

b) Explain Use of Gantt Charts and PERT.   **[8]**

Q2) a) Discuss net present value analysis using example.   **[8]**

b) Write different approaches used for developing Work Breakdown Structure.   **[8]**

Q3) a) Explain critical path Method in schedule development.   **[8]**

b) Explain Critical chain scheduling and PERT.   **[8]**

Q4) Write a short note on (Any Three) :   **[3 × 6 = 18]**

a) Earned value Management

b) Weighted Scoring Model

c) WBS dictionary

d) Payback Analysis

SECTION - II

Q5) a) Explain Statistical sampling and Six Sigma wiih respect to quality management. **[8]**

b) Explain following with respect to quality control. **[8]**

    i) Control chart

    ii) Pareto chart

Q6) a) Explain Decision Trees and Expected Monetary Value and Simulation referred to Risk Management. **[8]**

b) Explain "Team Building Activities". **[8]**

Q7) a) Explain the contents of risk register with example. **[8]**

b) Describe techniques used for quantitative risk analysis. **[8]**

Q8) Write a short note on (Any Three) : **[3 × 6 = 18]**

    a) Maslow's Hierarchy of Needs

    b) McClelland's Acquired-Needs Theory

    c) Resource Leveling

    d) Tools and techniques for managing project teams

● ● ●