

**SE - 218**

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Seat No.	
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**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

**P.T.O.**

SECTION - II

- Q5)** a) Explain Statistical sampling and Six Sigma with 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

