Seat No.	

SV - 214

Total No. of Pages : 3

B.E. (Computer Science & Engineering) (Semester - VIII) (New) Examination, May - 2018

PROJECT MANAGEMENT

Sub. Code: 67825

Day and Date : Monday, 07 - 05 - 2018
Time :2.30 p.m. to 5.30 p.m.

Total Marks : 100

Instructions :

1) **Question no. 4 and Question no. 8 are compulsory.**
2) **Solve any two from Section - I (From 1 to 3) and Section -II (From 5 to 7).**
3) **Figures to the right indicate full marks.**
4) **Draw neat diagrams wherever necessary.**

SECTION-I

Q1) a) How does a project life cycle differe from product life cycle? Describe phases in a traditional project life cycle. **[8]**

b) Discuss Project Management knowledge areas with tools and techniques. **[8]**

Q2) a) Discuss Project Integration Management and the seven main processes involved in it. **[8]**

b) Explain the following:

i) Net Profit Value analysis with example. **[4]**

ii) Return on Investment. **[2]**

iii) Payback Analysis. **[2]**

P.T.O.

Q3) a) Explain Project Scope management and five main processes involved in it. **[8]**

b) Explain Project Time Management and six main processes involved in it. **[8]**

Q4) Write short notes (any three) : **[3×6]**

a) Cost Control mechanism.

b) Activity Resource Estimation.

c) Activity Duration estimation.

d) Project Cost Management.

e) Critical path method and chain scheduling.

SECTION-II

Q5) a) List and Explain tools and techniques for quality control. **[8]**

b) Explain with respect to Quality Control. **[8]**

i) Statistical Sampling.

ii) Six Sigma.

iii) Cost of Quality.

Q6) a) Describe with respect to Human Resource Management. **[8]**

Maslow's Hierarchy of needs

Herzberg's motivation Hygiene theory

McClelland's Acquired-Needs Theory

McGregor's Theory X and Theory Y

b) Explain the following:

i) Resource Loading. **[2]**

ii) Resource Leveling. **[2]**

iii) Responsibility assignment matrices **[4]**

Q7) a) Explain Motivation Theories in detail. **[8]**

b) Discuss Team-Building activities in detail. **[8]**

Q8) Write a short note (any three): **[3×6]**

a) Risk Identification.

b) Qualitative Risk analysis (repeated).

c) Quantitative Risk analysis.

d) Planning Risk responses.

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