

PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
M.Tech., Summer 2017 - 18 Examination

Semester: 2
Subject Code: 03208180
Subject Name: Industrial Management

Date: 28/05/2018
Time: 02:00 pm to 04:30 pm
Total Marks: 60

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 A) Define the following terms: (i) Work Study (ii) Method Study (iii) Work Measurement (05)

B) Define supply chain management. What are its benefits? (05)

C) Differentiate between PERT and CPM. (05)

Q.2 Answer the following questions. (Attempt any three) (Each five mark) (15)

A) Explain the differences between logistics and reverse logistics with the help of suitable examples.

B) What is Quality Circle? Describe it with a suitable example

C) Explain any four world class best practices in SCM with example.

D) What are the various functions of management? Explain in detail.

Q.3 A) Define Management Information System. What are the various objectives and characteristics of MIS? (07)

B) Write short note on:(1) Poka Yoke (2) Fish Bone Diagram (3) 5S (4) Kaizen (08)

OR

B) What is Six Sigma? Explain various steps of DMAIC process in detail. (08)

Q.4 A) What are the various costs involved in inventory management? Explain in detail. (07)

OR

A) What is Milk Runs? Explain various design options for a transportation network in SCM. (07)

B) Define acceptance sampling? What are the various types of sampling plans, Explain in detail? (08)