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B TECH
(SEM VIII) THEORY EXAMINATION 2018-19
PRODUCTION & OPERATION MANAGEMENT

Time: 3 Hours

Total Marks: 100

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

- 1. Attempt all questions in brief. 2 x 10 = 20**
- Define operation management.
 - How operation management is different from production management?
 - What is the scope of SLT?
 - List any two factors that must be considered while locating a service facility.
 - List any two limitations of CPM.
 - What is meant by work measurement?
 - Define scheduling.
 - What is aggregate planning for production?
 - Explain large range capacity planning.
 - What is rough cut capacity?

SECTION B

- 2. Attempt any three of the following: 10x3=30**
- Define production management. How does it work? Discuss about its evolution.
 - Discuss system view of production system. What are the operative strategies for competitive advantages?
 - Explain the various function of an organization.
 - Define Departmentation. Explain its need in an industry in detail.
 - Describe the designing process of the product followed by any industry.

SECTION C

- 3. Attempt any one part of the following: 10x1=10**
- Enlighten the various production and operation standards.
 - Identify the important operations priorities and explain them in brief.
- 4. Attempt any one part of the following: 10x1=10**
- What is planning? Discuss in detail about the process layout planning.
 - Differentiate between product and fixed position layout. Also state their applications.
- 5. Attempt any one part of the following: 10x1=10**
- Discuss about planning techniques used in work measurement along with its different types and methods for it.

