

**Department of EEE**

**II B.Tech (EEE) Sem-II QUESTION BANK**  
**Subject: Management Science (R16)**

**I UNIT**

1. a) What is the significance of Hawthorne experiments for management?  
b) Define Management and explain its functions.
2. a) Define Management? Explain Henry Fayol's principles of management?  
b) Explain the importance of management in organisation?
3. a) Explain the nature of management?  
b) What are the challenges you have to face as a manager?
4. a) Describe the theory of scientific management and explain how it was criticized.  
b) What is line and staff organization and what is its uniqueness?
5. a) Why is management considered as a profession and what factors make it a profession?  
b) Distinguish between Theory – X and Theory – Y?
6. a) What is motivation? Explain Abraham Maslow's needs Hierarchy theory.  
b) What do you mean by Functional organization structure 7 )  
Expalin the concept of GLOBE structure?

**UNIT**

1. a) Describe the basic procedure to be followed in adopting work study techniques for Sound results?  
b) What is inventory? Explain the need for inventory control?
2. a) Define operations management and explain principles of operations management?  
b) Define control charts and explain its types?
3. a) What is meant by materials management? Explain its advantages and disadvantages.  
b) Explain the types of ABC analysis.
4. What is statistical quality control? How is this important in operations management?  
5) Explain EOQ Analysis with diagrammatic representation?

### **III UNIT**

1. a) State the importance and methods of job evaluation?
2. a) Define marketing and marketing management?  
(b) Explain briefly the functions of marketing?
3. a) Explain the functions of personnel management?  
b) Define personnel management?
4. a) Explain the channels of distribution in marketing ?  
b) Define Human Resource Development?
5. a) Define Human Resource Management. Explain its functions of HR manager?  
b) Explain the concept of Industrial Relations?
6. a) Discuss in brief about various wage payment plans? Are they relevant in present day Context.?  
b) What is product life cycle? Describe its stages?

Describe its stages?

#### IV UNIT

1. From the following information:

- Draw the network
- Find its critical path and project duration
- Determine Total, Free and Independent Floats.

Activity	Duration
1-2	5
1-3	4
2-4	6
3-4	2
4-5	1
4-6	7
5-7	8
6-7	4
7-8	3

2. From the following information:

- Draw the PERT network
- Identify the critical path and projection duration.

Activity	To	Tm	Tp
1-2	3	3	3
2-3	3	6	9
2-4	2	4	6
3-5	4	6	8
4-6	4	6	8
5-6	0	0	0
5-7	3	4	5
6-7	2	5	8

3. a) What is CPM? Discuss its advantages and limitations.  
b) Distinguish between PERT and CPM.
5. a) What is PERT? State its advantages and limitations  
b) What is CPM? Explain its advantages.

### **V UNIT**

1. (a) How do you formulate and implement strategy? Explain  
(b) What is the need for corporate planning process?
  2. (a) what are the factors of external and internal environmental to be considered for formulating the strategy? Explain.  
(b). Explain various generic strategy alternatives in detail
3. (a) Define strategic management and describe the process of strategic management.  
(b) How do you carry out SWOT analysis for a manufacturing unit?
4. (a) What do you understand by the concept of strategy? Discuss the concept of Mission and Vision.  
(b). Discuss corporate planning process.
5. (a). Explain various external environment scanning techniques used by the organization  
(b) What is environmental scanning? How is this important in present day context.

### **VI UNIT**

1. Write a notes on:

- (a) Capability Maturity Model      (b) Balanced Score card.

2. Write a notes on :

- (a) Supply Chain Management      b) Performance Management.

3 (a) What is Enterprise Resource Planning? Explain

- (b) Explain the merits and demerits of Enterprise Resource Planning.

4. (a) define total quality management and explain its significance.

- (b) Write notes on six sigma

5. Write short notes on:

- (a) Management Information System      (b) Bench Marking.

6. Discuss the following;

- a) Supply Chain Management      b) Enterprise Resource Planning

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