Roll No…….. **Total No. of Printed Pages: [1]**
Total No. of Questions: [09]

B. Tech EE (Semester – 6th)
INTRODUCTION OF INDUSTRIAL MANAGEMENT
Subject Code: BELES1-606
Paper ID: [18111539]

Time: 03 Hours **Maximum Marks: 60**

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A **(2 marks each)**

Q1. Attempt the following:

a. Define Cost Analysis and explain its importance in Industrial Management.
b. Differentiate between Time Study and Motion Study.
c. Define Organizational Structure and explain its importance.
d. Explain the concept of Recruitment and Selection in HRM.
e. Define Inventory Control and explain its importance.
f. What is Break-Even Point (BEP)? Explain its significance
g. Explain the concept of Standard Time in Work Measurement.
h. Define Delegation of Authority and its importance in Organizational Structure.
i. What is Training and Development? State its advantages in HRM.
j. Explain the concept of Economic Order Quantity (EOQ) in Inventory Control.

Section – B **(5 marks each)**

Q2. Explain the different types of costs and their classification. Discuss the importance of cost classification in industrial management

Q3. Explain the concept of Time Study and Motion Study in Work Measurement. Discuss their importance and applications in industrial management.

Q4. Explain the principles and objectives of Method Study in Work Study. Discuss its importance and applications in industrial management.

Q5. Explain the EOQ model highlighting its assumptions, calculations and applications in inventory control. Provide a numerical example.

Q6. Describe the recruitment and selection process in HRM. Highlight its stages and importance.

Section – C **(10 marks each)**

Q7. Explain the concept of Cost-Benefit Analysis (CBA) and its application in industrial management, including cost estimation, benefit estimation, and sensitivity analysis. Provide a numerical example

Q8. Explain the importance of Human Resource Planning in organizations. Explain the steps involved in HRP including workforce analysis, succession planning and Talent management. Provide examples of HRM strategies for improving organizational performance.

Q9. Discuss the factors influencing organizational design and explain how they impact organizational structure. Describe the different types of organizational structures and their advantages/disadvantages.