

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

**B.Tech.(ECE) (Sem.-6)**  
**ENGINEERING ECONOMICS & INDUSTRIAL MANAGEMENT**

Subject Code : BTEC-603

M.Code : 71123

Date of Examination : 09-07-22

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A**

**1. Answer briefly :**

- a) What are the duties of a store manager?
- b) Define the "Productivity Index" and give its importance.
- c) Give the qualifications of an estimator.
- d) What are "Safety Stock" and "Re-order Level" in inventory control?
- e) Define "Purchase Management".
- f) What do you understand by the economic life of a project?
- g) Give various objectives of economic analysis.
- h) Explain the importance of delegation of authority.
- i) Discuss Mayo's Hawthorne study.
- j) What is depreciation? Give its types.

## SECTION-B

2. Define break even analysis. Draw a break even chart and explain its components.
3. Explain with the help of an example how the effective motivation theory helps in improving the Quality of work.
4. Explain with the help of the examples “Taylor’s Scientific Management”.
5. Discuss the effect of risk and uncertainty on lot size.
6. Differentiate between project, matrix, and informal organization.

## SECTION-C

7. Differentiate between characteristics of batch, continuous, and group-technology production systems.
8. Explain with the help of relevant examples "Maslow's Hierarchy of Human Needs"
9. Write a short note on the following :
  - a) Rate of return method of decision making.
  - b) Continuous review system of inventory control.

**NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.**