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**T.Y. B.Com. (CBCS) (Semester - V)**  
**EXAMINATION NOVEMBER 2022**  
**Industrial Management**

[Duration : 2 Hours]

[Total Marks :80]

**Instructions:**

- i. All questions are **compulsory**; however, **internal choice** is available.
- ii. Answer sub-Questions in Questions No. 1 and Question No. 2 in **not more than 100 words each**.
- iii. Answer question No. 3 to Question No. 6 in **not more than 400 words each**.
- iv. Figures to the **right** indicate marks assigned to the questions.

- Q.1 Answer the following in brief (any four) : 16
- a) What is Industrial Management?
  - b) Explain any four principles of Scientific Management.
  - c) Explain any four problems of Plant Layout.
  - d) What is Industrial Productivity?
  - e) Enumerate the Psychological Hazards.
  - f) Explain any four suggestions for improving productivity.
- Q.2 Write short notes on any four of the following: 16
- a) Concept of TQM
  - b) Steps in Failure Mode and Effect Analysis
  - c) Concept of ISO-9000
  - d) Effect of Industrial accidents on workers
  - e) Role of National Institute of Occupational Health
  - f) Mechanical Causes of accidents
- Q.3 A) Explain the factors determining Factory location. 12  
OR  
X) Explain the various types of Plant Layout. 12
- Q.4 A) Examine the factors affecting Work environment. 12  
OR  
X) Explain the significance of higher Industrial productivity. 12
- Q.5 A) Explain the Principles of TQM. 12  
OR  
X) What are Quality Circles? Explain their features. 12
- Q.6 A) Explain the objectives of Safety Management. 12  
OR  
X) Examine the effects of Industrial Accidents. 12