



## UNIVERSITY COLLEGE TATI (UC TATI)

## FINAL EXAMINATION QUESTION BOOKLET

COURSE CODE	:	BTE 3683
COURSE	:	INDUSTRIAL MANAGEMENT
SEMESTER/SESSION	:	2-2023/2024
DURATION	:	3 HOURS

Instructions:

1. This booklet contains **5** questions. Answer **ALL** questions.
2. All answers should be written in the answer booklet.
3. Write legibly and draw sketches wherever required.
4. If in doubt, raise your hand and ask the invigilator

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO**  
**THIS BOOKLET CONTAINS 3 PRINTED PAGES INCLUDING THE COVER PAGE**

**QUESTION 1**

- a) Define management. (2 Marks)
- b) Define industrial management. (4 Marks)
- c) List **FOUR (4)** responsibilities of industrial managers. (4 Marks)

**QUESTION 2**

- a) Describe **FOUR (4)** functions of management in industrial management. (8 Marks)
- b) Leadership is one of the most important enablers for the successful digital transformation of industrial organizations. Explain **FIVE (5)** competencies of leadership in an organization's digital transformation. (10 Marks)

**QUESTION 3**

- a) Organizational structure emerged as the second enabler of digital transformation. Describe **THREE (3)** elements of organizational structure to achieve performance outcomes. (9 Marks)
- b) Explain **FIVE (5)** cultural elements that can contribute to achieving performance outcomes. (10 Marks)
- c) Organizational structure and design are the process of defining the roles, responsibilities, and relationships between different parts of an organization. It is a critical function of management, as it helps to ensure that the organization is able to achieve its goals effectively and efficiently. Describe **SEVEN (7)** approaches for organization structure and design. (14 Marks)

**QUESTION 4**

- a) Explain **FOUR (4)** performance indicators to measure the industry's management effectiveness. (8 Marks)
- b) Recent advances and the development of new methods and technologies are largely responsible for the emerging popularity of Industry 4.0. Describe **FIVE (5)** technologies related to Industry 4.0. (10 Marks)

**QUESTION 5**

- a) Productivity is the measure of how efficiently an organization produces goods or services. Explain **FOUR (4)** factors that can affect productivity. (8 Marks)
- b) Describe **FIVE (5)** industrial managers can do to improve productivity. (10 Marks)
- c) Give **THREE (3)** tools for improving productivity in industrial management. (3 marks)

-----End of question-----

