

Reg No.: \_\_\_\_\_

Name: \_\_\_\_\_

**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**  
B.Tech Degree S4 (R) Examinations April 2026 (2024 Scheme)



**Course Code: PEMET417**

**Course Name: TECHNOLOGY MANAGEMENT**

Max. Marks: 60

Duration: 2 hours 30 minutes

**PART A**

*(Answer all questions. Each question carries 3 marks)*

		CO	Marks
1	List and briefly explain any three functions of management.	1	(3)
2	What are the responsibilities of a manager in an organization?	1	(3)
3	Define entrepreneurship and state its importance.	3	(3)
4	What is technology life cycle? Name its stages.	4	(3)
5	Explain incremental and radical innovation.	5	(3)
6	What is technology absorption?	5	(3)
7	Define digital transformation.	5	(3)
8	What are science and technology policies?	4	(3)

**PART B**

*(Answer any one full question from each module, each question carries 9 marks)*

**Module -1**

9	Explain the management process in detail, including planning, organizing, staffing, directing, and controlling.	2	(9)
10	Discuss the importance of corporate social responsibility and its impact on business and society.	2	(9)

**Module -2**

11	Explain the dimensions of technology management and discuss its role in business planning and competition.	4	(9)
12	Discuss the impact of technological developments on human needs and societal growth over the last two centuries.	4	(9)

**Module -3**

13	Explain the nature of technological change and discuss different types of innovation with suitable examples.	5	(9)
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- 14 Discuss the concept of technology package and technology dependence with reference to developing countries. 5 (9)

**Module -4**

- 15 Explain various technology forecasting methods and compare their methodologies. 5 (9)
- 16 Discuss Industry 4.0 technologies and explain their impact on modern industries and business processes. 5 (9)

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