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APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Eighth Semester B.Tech Degree Regular Examination June 2023 (2019 Scheme)



Course Code: MET466

Course Name: TECHNOLOGY MANAGEMENT

Duration: 3 Hours

Max. Marks: 100

PART A

Answer all questions, each carries 3 marks.

		Marks
1	Explain the importance of data privacy in technology management?	(3)
2	Enumerate the advantages of technological competition?	(3)
3	Describe the different process of technology acquisition?	(3)
4	What is meant by technology forecasting?	(3)
5	Describe the need for a technology strategy in an industry?	(3)
6	Explain different constraints in technology absorption?	(3)
7	What is meant by corporate research?	(3)
8	Distinguish between innovation and invention?	(3)
9	Explain the different human aspects to be considered in technology management?	(3)
10	What are the organizational factors in technology integration?	(3)

PART B

Answer any one full question from each module, each carries 14 marks.

Module I

- 11 a) With the aid of examples describe the influence of technology on society? (10)
b) What is Product technology & Process technology? (4)

OR

- 12 a) Discuss on the impact of technology on business? (14)

Module II

- 13 a) Explain Delphi & quantitative methods of forecasting? (10)
b) List out any four characteristics of technology forecasting? (4)

OR

- 14 a) Explain in detail patent analysis? (10)
b) What are the different process of technology generation? (4)

Module III

- 15 a) What are the issues involved in the management of technology absorption and government initiatives? (8)
b) Differentiate technology package & technology dependence? (6)

OR

- 16 a) Distinguish between technology adoption & technology diffusion? (14)

Module IV

- 17 a) Explain different types of innovation? (10)
b) What are different stages of product life cycle in research? (4)

OR

- 18 a) Compare trademark, copyright and patent? (8)
b) What are the organizational characteristics that facilitate innovation? (6)

Module V

- 19 a) Write down the psychological impacts on our daily life and employees in an organization due to the integration of technology? (14)

OR

- 20 a) What are the HRM issues in R&D and innovation? (7)
b) Explain in detail Technology Assessment? (7)
