

TED (10)–2001  
(REVISION—2010)

Reg. No. ....  
Signature .....

FIRST SEMESTER DIPLOMA EXAMINATION IN ENGINEERING/  
TECHNOLOGY—OCTOBER, 2011

TECHNOLOGY IN SOCIETY  
(Common-Except DCP and CABM)

[Time : 3 hours

(Maximum marks : 100)

PART—A

(Answer the following questions in one or two sentences. Each question carries 2 marks.)

Marks

- I 1. What do you mean by Citadel in Indus Valley Civilization?  
2. Define the term Assaying.  
3. Explain the term Monsters and Luddism.  
4. What are the basic methods of tapping Solar Energy?  
5. CFCs have been replaced by less harmful HCFLs and harmless HFCLs and HCs. Explain.

(5×2=10)

PART—B

(Answer any *five* of the following questions. Each question carries 6 marks.)

- II 1. Describe the contributions of Egyptian Civilization.  
2. "The present remarkable examples of Town Planning and Municipal Administration in Indus Valley Civilization". Justify the statement.  
3. Discuss the role of Leonardo Da Vinci as an engineer.  
4. Explain the revolution in Textile Industry during Industrial Revolution.  
5. Discuss about Indian Space Programme.  
6. Explain the features of Nano Technology.  
7. Explain how technology shape the society.

(5×6=30)

PART—C

(Answer *one* full question from each unit. Each question carries 15 marks.)

UNIT—I

- III 1. Hellenistic Society made important contribution to the advancement in Technology. Justify the statement with examples. 8  
2. Describe the Roman contributions in the development of Technology. 7

OR

		Marks
IV	1. Describe the contribution of India towards metallurgy and other technology.	8
	2. Explain how agriculture changed the life of human being.	7

## UNIT—II

V	1. Discuss how the demand for iron relates to Industrial Revolution.	8
	2. Middle age is considered as a dark age for science and not so in the case of technology. Explain.	7

OR

VI	1. Explain the developments of Mills and its influence on development of technology.	8
	2. Describe achievements in Civil engineering during Renaissance period.	7

## UNIT—III

VII	1. Prepare a brief history of development of computer.	8
	2. Explain the application of Laser in different fields.	7

OR

VIII	1. Give the promises and threats of Biotechnology on Society.	8
	2. Discuss the role of India in Space programmes.	7

## UNIT—IV

IX	1. Discuss the Green Revolution in India and its impact.	8
	2. Explain the impact of technology on the environment.	7

OR

X	1. Describe the Gandhian approach to Technology.	8
	2. Explain the impact of technology on agriculture.	7

MADIN POLYTECHNIC College