

TED (10)–2001

(REVISION—2010)

Reg. No.

Signature

FIRST SEMESTER DIPLOMA EXAMINATION IN ENGINEERING/
TECHNOLOGY—MARCH, 2012

TECHNOLOGY IN SOCIETY
(Common-Except DCP and CABM)

[Time : 3 hours

(Maximum marks : 100)

Marks

PART—A

I Answer *all* questions in one or two sentences. Each question carries 2 marks.

1. Name the cities which are at the banks of great rivers Nile and Yellow river.
2. What are the factors led to a sharp increase in the consumption of iron towards the end of sixteenth century ?
3. List four important energy sources.
4. Define the term Appropriate technology.
5. The British Magazine “Economist” listed the birth control pills, among the greatest scientific and technological advances of the twentieth century. Why ?

(5x2=10)

PART—B

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

1. Explain Hellenistic contribution to Technology.
2. Briefly explain origins of technology.
3. “The invention and perfection mechanical clock is significant milestone in the history of Technology”. Explain.
4. Discuss the achievement in Civil Engineering during renaissance period.
5. Discuss the future of automobiles.
6. Discuss the impact of satellite communication of society.
7. Discuss the green revolution in India and its impact.

(5x6=30)

PART—C

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

UNIT – I

- III (a) Discuss the contributions made by China towards the development of Technology. 8
(b) Describe the impact of Agricultural Revolution on society. 7

OR

	Marks
IV (a) Explain the salient features of Indus Valley Civilization.	8
(b) Geographical, Political and Cultural factors affect the development of technology in Egypt. Comment on this statement.	7

UNIT – II

V (a) Describe the importance of textiles in Industrial Revolution.	8
(b) Discuss the role of Leonardo da Vinci as an Engineer.	7

OR

VI (a) Describe the historical role of Arabs in Science and Technology.	8
(b) "Gutenberg was associated with an effort that produced the most impressive early work in modern printing". Justify the comment.	7

UNIT – III

VII (a) Discuss the promises and threats of Nanotechnology on society.	8
(b) Big Corporation plays a critical role in Technology development. Write positive and negative effect due to this.	7

OR

VIII (a) Explain the impact of internet on the society.	8
(b) Discuss the role of India in space programmes.	7

UNIT – IV

IX (a) Explain the impact of technology on the environment.	8
(b) Discuss the views of Gandhiji on technological development.	7

OR

X (a) Describe the role of technology on the improvement of physical quality of life.	8
(b) Explain the impact of technology on agriculture.	7
