

TED (10)–2001

Reg. No.

(REVISION—2010)

Signature

FIRST SEMESTER DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY
OCTOBER, 2012

TECHNOLOGY IN SOCIETY
(Common—except DCP and CABM)

[Time : 3 hours

(Maximum marks : 100)

PART—A

Marks

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

1. Write the advantages and disadvantages of Dams.
2. Name two raw materials used for production of nuclear energy.
3. What is the significance of Paul Berg in Technology ?
4. Give two impacts of Communication revolution on society.
5. Name any two achievements of Indian Space Program. (5×2=10)

PART—B

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

1. While the middle ages are considered as dark age for Science it is not so in the case of Technology. Give reasons.
2. What is Assaying ?
3. Describe Siemen's process.
4. Write the history of precision machines.
5. Give certain impacts of Internet on Society.
6. What is the rôle of coal as fuel for Industrial Revolution ?
7. What is the impact of Satellite Communication on Society ? (5×6=30)

PART—C

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

UNIT—I

- III (a) Explain the contributions made by the Romans towards technology. 8
- (b) Science and technology had a golden age in India during the period from 4 B.C to 7 A.D. Explain. 7

OR

	Marks
IV (a) Explain the features of Egyptian Civilization.	8
(b) What are the contributions made by ancient India to metallurgy ?	7
UNIT—II	
V (a) Explain the historical role of Islam to the development of Science and Technology.	8
(b) Discuss the impact of Industrial Revolution on Society.	7
OR	
VI (a) How did the Industrial Revolution affect the families ?	7
(b) Discuss briefly the history involved in the development of Steam Engines.	8
UNIT—III	
VII (a) Examine the causes and remedies of Global Warming.	7
(b) Briefly explain the Water transportation Revolution.	8
OR	
VIII (a) Describe the history of Wireless Telegraphy.	7
(b) Give the impact of computer on society.	8
UNIT—IV	
IX (a) Give the impact of Technology on Agriculture.	8
(b) Explain Gandhian approach to technology.	7
OR	
X (a) Describe the role of big Corporations in Technology Development.	8
(b) Give the impact of technology on society.	7
