

TED (10) – 2001

(REVISION — 2010)

Reg. No.....

Signature

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE — OCTOBER, 2018

TECHNOLOGY IN SOCIETY

[Time : 3 hours

(Maximum marks : 100)

PART — A

(Maximum marks : 10)

Marks

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

1. Name two Hellenistic Engineers.
2. Define Assaying.
3. Name two raw material used for production of nuclear energy.
4. Name two Renewable energy sources.
5. What is Green technology ?

(5×2 = 10)

PART — B

(Maximum marks : 30)

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

1. “If you wish for peace, prepare for war”. Justify the statement by Roman writer Vegetius on the basis of Roman Technology.
2. Explain the contributions made by ancient India towards textile, Gunpowder and civil engineering.
3. What were the provisions of First Factories act Passed in England.
4. Write short notes on Peterloo Massacre.
5. Discuss applications and advantage of Nanotechnology.
6. What are the impacts of advancement of Satellite technology in society.
7. Explain the long-term impact of Green Revolution in India.

(5×6 = 30)

PART — C

(Maximum marks : 60)

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

UNIT — I

- III (a) Describe the origin of technology during old stone age. 8
 (b) Describe the contributions of Greeks to architecture and sculpturing 7

OR

- IV (a) Explain feature of Egyptian Civilisation. 8
 (b) What are the contributions made by ancient India towards metallurgy ? 7

UNIT — II

- V (a) Explain the historical role of Islam to the development of science and technology. 8
 (b) How did Industrial revolution affect family ? 7

OR

- VI (a) Explain the contribution of Leonardo Davinci as an Engineer. 8
 (b) What are social and political factors which led to Industrial Revolution ? 7

UNIT — III

- VII (a) Explain the history and significance of Internet. 8
 (b) Explain the contributions of India towards space Exploration. 7

OR

- VIII (a) Specify the importance of Renewable Energy options available for Power Generation. 8
 (b) Discuss the transformations that happened to mobile phones. 7

UNIT — IV

- IX (a) Give the impact of technology in society. 8
 (b) Explain the Gandhian approach to technology. 7

OR

- X (a) Explain impact of technology on culture. 8
 (b) Describe the role of big corporation in technology and development. 7