

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/  
MANAGEMENT/COMMERCIAL PRACTICE, APRIL – 2019**

**TECHNOLOGY IN SOCIETY**

[Maximum Marks: 100]

[Time: 3 Hours]

**PART-A**

[Maximum Marks: 10]

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

- I. 1. Write a brief note on citadel.  
2. Write the advantages and disadvantages of dams.  
3. State the application of wind mills.  
4. Puddling process is related to which program.  
5. List two achievements of Indian space program. (5x 2 = 10)

**PART-B**

[Maximum Marks: 30]

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

- II. 1. What is assaying.  
2. Briefly explain origin of technology.  
3. Explain effect of internet in education.  
4. List the benefits of hydro electric plants.  
5. How industrial revolution effect the natural resources.  
6. Write a note on sustainable development.  
7. List the reasons of air pollution. (5x 6 = 30)

**PART-C**

[Maximum Marks: 60]

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

**UNIT -I**

- III. (a). Explains the Romans contributions to the technology. (8)  
(b). Discuss the origin of technology during old stone age. (7)

OR

- IV. (a). Write a note on Egyption civilization. (8)  
(b). Briefly explains how mesopotomians contributed towards society. (7)

UNIT -II

- V. (a).How labours treated during industrial revolution period. (8)  
(b). Evaluate leonardo davinci as an engineer. (7)

OR

- VI. (a). Explain the technical background of industrial revolution. (8)  
(b). Illustrate the history of steam engine. (7)

UNIT -III

- VII. (a). Explain the importance of nuclear technology. (8)  
(b). Give a note on water transport. (7)

OR

- VIII. (a). List the renewable energy resources and it importance. (8)  
(b). Explain the history of wireless telegraphy. (7)

UNIT -IV

- IX. (a). Explain the limits to growth. (8)  
(b). Give the impact of technology in agriculture. (7)

OR

- X. (a). Explain the positive and negative effect of green revolution. (8)  
(b). Describe the role of corporates in technology development. (7)