

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
(2064)

14617

B. Tech 2nd Semester Examination
Science, Technology and Society (O.S.)
HU-1002

Time : 3 Hours

Max. Marks : 100

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt five question in all, select one question each from section A, B, C & D. Section E is compulsory.

SECTION - A

1. What is the impact of modern technology on our social institutions? Discuss. (20)
2. "Technology growth has a perfect relationship with economic growth." Comment on this statement. (20)

SECTION - B

3. What are the causes of energy crisis? Explain the remedies to avert energy crisis. (20)
4. Discuss the social and human critiques of technology. (20)

SECTION - C

5. What is the impact of assembly line and automation on technology? (20)
6. Define technology assessment. How technology assessment can be made effective? (20)

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SECTION - D

7. Write short notes on the following :
- (i) Environmental ethics.
 - (ii) Business ethics.
 - (iii) Social responsibility of a business enterprise. (20)
8. "Social and ethical audit of industrial organizations should be mandatory in India." Comment on this statement. (20)

SECTION - E

9. Write short answers of the following:
- (a) Green house effect.
 - (b) Differentiate between science and technology.
 - (c) Whistle blowing.
 - (d) Water pollution and its effect.
 - (e) Eco-friendly technologies.
 - (f) Technology and arms race.
 - (g) Industrial revolution.
 - (h) Safety Engineering.
 - (i) Environmental regulations.
 - (j) Nuclear Threat. (2×10=20)