

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.A. DEGREE EXAMINATION – SOCIOLOGY

FIFTH SEMESTER – November 2009

SO 5501 - SCIENCE TECHNOLOGY & SOCIETY

Date & Time: 05/11/2009 / 9:00 - 12:00 Dept. No.

Max. : 100 Marks

SECTION – A

Answer the following questions in about 30 words each (10 x 2 = 20 marks)

1. Define Science.
2. What is meant by technology?
3. Give the meaning of 'Technological Determinism'.
4. What do you mean by Mechanization?
5. What is cultural lag?
6. What is meant by 'social responsibility of science'?
7. Define social change.
8. What is technocracy?
9. What is robotics?
10. State the need for alternative humanistic technology.

SECTION – B

Answer any FIVE of the following in 300 words each (5 x 8 = 40 marks)

11. Explain the ethos of science.
12. Elucidate the origin of science in India.
13. Briefly explain the characteristics of a technological society.
14. Explain how technology becomes an important agent of social change.
15. Bring out the features of humanistic technology.
16. Provide the highlights of science in Iron Age.
17. Explain the advantages of computer technology.

SECTION – C

Answer any TWO of the following in 1200 words each (2 x 20=40 marks)

18. Explain the significance of social control of science and technology in detail.
19. Discuss the Golden Age of Science in India.
20. Analyze the social consequences of science and technology.
21. Give a detailed account of any two modern developments in science and technology.

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