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6 SEM TDC SOC M 2

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(May)

SOCIOLOGY

(Major)

Course : 602

(Science, Technology and Society)

Full Marks : 80

Pass Marks : 32

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. Choose the correct answer from the following : 1×8=8

(a) The word 'science' comes from the Latin word

(i) scientia

(ii) schitallo

(iii) scince

(iv) scintica

(b) Who said that 'Science is a method of approach to the entire empirical world'?

(i) L. H. Morgan

(ii) W. J. Goode and P. K. Hatt

(iii) P. V. Young

(iv) S. R. Myneni

(c) Who introduced the concept of 'algorithm'?

(i) Sir Issac Newton

(ii) Roger Bacon

(iii) Md. Khawarizini

(iv) Ibn-al-Haytham

(d) Who is the author of *History of the Inductive Sciences*?

(i) William Whewell

(ii) Paul Feyerabend

(iii) Thomas Kuhn

(iv) Barry Stroud

- (e) In which lecture Ursula Franklin expressed that 'technology is practice, the way we do things around here'?
- (i) Real World of Technology (1989)
 - (ii) Real World of Science (1988)
 - (iii) Real World of Inorganic Matter (1987)
 - (iv) Real World of Cultural Force (1989)
- (f) GURPS stands for
- (i) Genetic United Role Playing System
 - (ii) Genetic Urgent Role Playing System
 - (iii) Genetic Universal Role Playing System
 - (iv) Genetic Uncontrolled Role Playing System
- (g) Which is the first computer based on transistor technology?
- (i) First generation computer
 - (ii) Second generation computer
 - (iii) Third generation computer
 - (iv) Fourth generation computer

(h) Which one of the following movements criticized evaluation and development of computerization for modern human society?

(i) Neo-luddism

(ii) American Cold War

(iii) French Revolution

(iv) Neo-liberalism

2. Write on any *four* of the following (within 150 words each) : 4×4=16

(a) Science in Greek world

(b) Philosophy of scientific system

(c) Meaning of technology

(d) Impact of technology on rural economy in Assam

(e) Principles of industrial organisation

(f) Application of technology in modern medical system

3. Answer any *four* questions from the following (within 500 words each) : 14×4=56

(a) Critically discuss the 'History of Science' as an academic study from your own understanding.

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- (b) What is social understanding of science? Critically analyze the role of science in creating a developed human society. 4+10=14
- (c) Discuss the interpretation of 'Unilinear Evolution' given by L. H. Morgan in the context of technological development. 14
- (d) What is information technology? Discuss the impact of information technology on the life-chances and lifestyles of new generation of Assamese society. 14
- (e) "Technology impacts on marital relationship in India." Critically discuss the statement with proper sociological understanding. 14
- (f) Write a note on the application of multimedia in India. 14
