

Total No. of Printed Pages—4

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) Who wrote the book, *Technics and Civilization*?

(i) Lewis Morgan

(ii) Lewis Mumford

(iii) Leslie White

(iv) Gerhard Lenski

- (b) Which one of the following is not a norm of science as mentioned by Robert Merton?
- (i) Universalism
 - (ii) Communalism
 - (iii) Disinterestedness
 - (iv) Experiment
- (c) Multimedia is
- (i) an integration of voice and text
 - (ii) an integration of voice, text and graphics
 - (iii) an integration of voice, text, graphics and animation
 - (iv) an integration of only still images
- (d) L. H. Morgan mentioned the social evolution into the stages of
- (i) 2
 - (ii) 3
 - (iii) 4
 - (iv) 5
- (e) WWW stands for
- (i) World Wide Web
 - (ii) Word Wide Web
 - (iii) World Wild Web
 - (iv) Word Wild Web

- (f) The word 'science' comes from
- (i) Greek word
 - (ii) Latin word
 - (iii) German word
 - (iv) None of the above
- (g) The subject matter of *Sushruta Samhita* is
- (i) medical science
 - (ii) mathematics
 - (iii) astronomical science
 - (iv) None of the above
- (h) 'Technology and its Acceleration' theory of technological development was forwarded by
- (i) L. H. Morgan
 - (ii) Hornel Hart
 - (iii) Karl Marx
 - (iv) Lewis Mumford

2. Answer/Write on any four of the following (within 150 words each) : $4 \times 4 = 16$

- (a) The meaning of social understanding of science
- (b) Levels of technology
- (c) Impact of technology in urban life

- (d) Examine technology as a economic determinism (Karl Marx).
- (e) Mention the impact of technology on marriage institution in Assamese society.
- (f) Views of Hornel Hart towards technology

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

- (a) What do you mean by science? Briefly discuss the history of development of science. 4+10=14
- (b) Define technology. Discuss the significance of technology in culture. 4+10=14
- (c) Examine the periodic development of technology as mentioned by Lewis Mumford. 14
- (d) Discuss the impact of technology on family system in India. 14
- (e) What is information technology? Discuss the impact of information networking on society. 4+10=14
- (f) Briefly discuss the impact of computer technology on education. 14
