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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 : 32/24

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) "Savagery, Barbarism and Civilization is the three stages of evolution of human Civilization." This was mentioned by

- (i) L. H. Morgan
- (ii) Lewis Mumford
- (iii) Leslie White
- (iv) Gerhard Lenski

- (b) Who is the author of *Technics and Civilization*?
- (i) Lewis Mumford
 - (ii) Leslie White
 - (iii) Bernal J. D.
 - (iv) Dampier W. J.
- (c) The computer's brain is a small chip and it is called as
- (i) RAM
 - (ii) Microprocessor
 - (iii) ROM chip
 - (iv) circuit chip
- (d) LAN stands for
- (i) Local Active Network
 - (ii) Local Access Network
 - (iii) Local Area Network
 - (iv) Local Array Network
- (e) DTP stands for
- (i) Desk Top Publishing
 - (ii) Desk Top Printer
 - (iii) Desk Top Publisher
 - (iv) Desk To Publisher

- (f) Which civilization can claim for the invention of 'wheel'?
- (i) Hindu civilization
 - (ii) Mesopotamian civilization
 - (iii) Greek civilization
 - (iv) Chinese civilization
- (g) Panini was a/an
- (i) grammarian
 - (ii) astronomer
 - (iii) mathematician
 - (iv) None of the above
- (h) Who wrote the book, *Siddhanta Shiromani*?
- (i) Aryabhata
 - (ii) Brahmagupta
 - (iii) Bhaskara
 - (iv) Panini

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

- (a) *The Ethos of Science* (R. K. Merton)
- (b) Unilinear Evolutionism

- (c) Components of Information Technology
- (d) Relation between Technology and Sociology
- (e) Rationalism Philosophy of Scientific Method
- (f) Impact of Technology on Politics

3. Answer any *four* of the following questions (within 500 words each) : 14×4=56
- (a) What is science? Discuss the history of development of science. 4+10=14
 - (b) Define technology. Discuss the growth of technology in human history. 4+10=14
 - (c) Critically discuss how technology accelerates the cultural change as mentioned by Hornell Hart. 14
 - (d) Discuss the impact of technology on structural and functional perspectives of Industrial Society. 7+7=14
 - (e) What do you mean by Information Technology? Discuss the impact of internet on human relationship from your own understanding. 4+10=14
 - (f) Discuss briefly the impact of information technology on higher education in India. 14
