

Total No. of Printed Pages—4

6 SEM TDC SOC M 2

2017

(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

(Turn Over)

(2)

(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

(3)

(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

(Turn Over)

(Continued) 7/680

- (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

★ ★ ★