

Total No. of Printed Pages—4

**6 SEM TDC SOC M 2**

**2 0 1 9**

( 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) The word 'science' comes from 'scientia' is a
- (i) Latin word
  - (ii) Greek word
  - (iii) German word
  - (iv) English word
- (b) Whom is regarded as the father of science in Greece?
- (i) Hippocrates
  - (ii) Thales
  - (iii) Galileo
  - (iv) Aristotle

- (c) What is the full form of ATM?
- (i) Automatic Transaction Machine
  - (ii) Automatic Transfer Money
  - (iii) Automatic Teller Machine
  - (iv) Alternative Teller Machine
- (d) Leslie White mentioned the development of human civilization into \_\_\_\_\_ stages.
- (i) 5
  - (ii) 3
  - (iii) 7
  - (iv) 2
- (e) The credit for the invention of 'zero' (0) goes to Indian mathematician
- (i) Aryabhata
  - (ii) Brahmagupta
  - (iii) Bhaskar
  - (iv) Panini
- (f) World Wide Web (WWW) pages can be described as multimedia pages. This means that the pages may contain
- (i) text, pictures, sound
  - (ii) text and pictures only
  - (iii) video clips, sound, text and pictures
  - (iv) None of the above

- (g) What is Internet?
- (i) A single network
  - (ii) A vast collection of different networks
  - (iii) Interconnection of local area networks
  - (iv) None of the above
- (h) Which one of the following stages was not mentioned by Lewis Mumford as the technological development stage?
- (i) Eotechnic stage
  - (ii) Paleotechnic stage
  - (iii) Neotechnic stage
  - (iv) Nanotechnic stage

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

- (a) Methodology of Science
- (b) Relationship between Culture and Technology
- (c) Enculturation
- (d) Difference between Internet and WWW
- (e) Scientific Philosophy of Instrumentalism
- (f) Ethos of Science (R. K. Merton)

3. Answer any *four* of the following questions  
(within 500 words each) :  $14 \times 4 = 56$

- (a) What is science? Discuss the history of development of science.  $3 + 11 = 14$
- (b) What is objectivity? Critically discuss about objectivity in science.  $4 + 10 = 14$
- (c) Define technology. Critically discuss the impact of technology in Assamese society.  $4 + 10 = 14$
- (d) Explain Hornell Hart's theory of 'technology and its acceleration'. 14
- (e) How does industrialization change the structure and function of Assamese society? 14
- (f) What is Internet? Discuss the impact of Internet on human relationships from your own perspective.  $2 + 12 = 14$
- (g) Discuss L. H. Morgan's evolution theory of technological development. 14
- (h) "Information networking is improving the quality of life." In the light of this statement, discuss the impact of information networking in our daily life. 14

★ ★ ★