

Total No. of Printed Pages—4

6 SEM TDC SOC M 2

2 0 1 8

(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) 'Plato' was the supporter of
- (i) Rationalism philosophy
 - (ii) Empiricism philosophy
 - (iii) Instrumentalism philosophy
 - (iv) Skepticism philosophy
- (b) "Technology destroys the social environment and alienates the human beings from their works." This view is supported by
- (i) Transhumanism
 - (ii) Neo-Luddism
 - (iii) Techno-Progressivism
 - (iv) None of the above

- (c) Who first invented the steam engine?
- (i) Marconi
 - (ii) James Watt
 - (iii) Robert Hook
 - (iv) Graham Bell
- (d) "The way of habit is the way of thought."
It is the statement of
- (i) Francis Bacon
 - (ii) Thorstein Veblen
 - (iii) E. V. Schenider
 - (iv) Barry Stroud
- (e) Intel computer was invented by
- (i) Gordon Moore
 - (ii) Borko Furht
 - (iii) A. J. Hills
 - (iv) Robert Stephenson
- (f) Who first introduced the concept of 'Bureaucracy'?
- (i) Max Weber
 - (ii) Vincent De Gourney
 - (iii) Karl Marx
 - (iv) Hornell Hart

(g) 'Technology and its Acceleration theory of technological development' was forwarded by

(i) Lewis Mumford

(ii) Max Weber

(iii) Hornell Hart

(iv) Karl Marx

(h) The subject matter of *Sushruta Samhita* is

(i) Medical Science

(ii) Astronomy

(iii) Physics

(iv) Chemistry

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

(a) Development of science in Greek world

(b) Formal organization in industry

(c) Multimedia system

(d) Karl Marx's view on development of technology

(e) Relation and difference between science and technology

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

(a) What do you understand by science?

Discuss the philosophy of scientific system.

4+10=14

- (b) Critically discuss the 'social understanding of science' in human society. 14
- (c) "The history of technology is the history of invention of tools and techniques, and is similar in many ways to the history of humanity." In the light of this statement, discuss the history of technological development in human society. 14
- (d) Discuss Lewis Mumford's theory of technological development as forwarded in his book, *Technic and Civilization*. 14
- (e) Write on the impact of technology on major Social Institutions of India. 14
- (f) Discuss the impact of computer and effects of Internet in Assamese society. 7+7=14
- (g) "Technology brings about changes to Assamese culture." In support of the statement, give your own comment. 14
- (h) What do you mean by 'Levels of Technology'? Discuss the levels of technology in different periods as described by GURPS. 4+10=14
