

2018

(May)

HISTORY

(Major)

Course : 604

(History of Science and Technology in India)

Full Marks : 80

Pass Marks : 32/24

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. Answer the following questions in one word
or in one sentence : 1×8=8

(a) Who was the author of Jyotisha
Vedanga?

(b) Who was Sushruta?

(c) What is Astrolab?

(d) Who translated Lilavati into Persian
language?

(Turn Over)

(2)

- (e) Name the tree whose bark was used to write on during the Ahom rule.
- (f) Who founded the Asiatic Society of Bengal?
- (g) In which year was the Geological Survey of India established?
- (h) What is full form of ICMR?

2. Write short notes on any three of the following :
4×3=12

- (a) Charaka
- (b) Persian wheel
- (c) Shifting cultivation of North-East India
- (d) Introduction of steam engine in Colonial period
- (e) J. C. Bose

3. Write a brief note on the interrelation of science, technology and society.

Or

Discuss briefly the development of astronomy in Ancient India with special reference to Aryabhata's contributions towards it.

(3)

4. Briefly write the history of the development of Unani system of Medicine in Medieval India. 12

Or

Discuss about the social and cultural response to the technological changes that took place in India during the Medieval period.

5. Narrate the development of Silk and Cotton Textile Industries in pre-Colonial Assam. 12

Or

Write about the developments of brass work and bell metal work in Medieval Assam.

6. Trace the history of Medical Research in India during the Colonial period. 12

Or

Describe the development of irrigation and agriculture in the Colonial period.

7. Write the impact of the Swadeshi Movement on modern technology. 12

Or

Write about Mahatma Gandhi's views on science and technology.
