

Total No. of Printed Pages—3

6 SEM TDC HST M 4

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(May)

HISTORY

(Major)

Course : 604

(History of Science and Technology in India)

Full Marks : 80

Pass Marks : 32

Time : 3 hours

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

1. (a) Answer the following questions in one word or in one sentence : 1×8=8
- (i) Who was the author of *Siddhanta Siromoni* ?
 - (ii) Who translated *Lilavati* into Persian language?
 - (iii) Where did Unani system originate?
 - (iv) Name the tree whose bark was used to write on during Ahom Rule.
 - (v) What is the full form of ICMR?

- (vi) Who is regarded as the 'Father of Electronic Telegraph' in India?
- (vii) Who was the author of the book, *The History of Hindu Chemistry*?
- (viii) Who founded the Aligarh Scientific Society?
- (b) Write short notes on the following (any four) : 4×4=16
- (i) Varahamihira
- (ii) Sawai Jai Singh
- (iii) Cotton Textile Industry of Medieval Assam
- (iv) Printing Technology in Colonial Period
- (v) The Indian Association for Cultivation of Science.
- (vi) Nehru's View on Science and Technology

2. Trace the history of the development of Mathematics in Ancient India. 11

Or

Discuss the contribution of Charaka and Susruta to the field of Indian Medicine.

3. Trace the history of the development of agriculture in Medieval India with special reference to irrigation system. 11

(3)

Or

Describe the developments that took place in glass making and textile technology in Medieval India.

4. Critically discuss the developments of brass work and bell metal work in Medieval Assam. 12

Or

Discuss the technological development of Medieval Assam with special reference to bamboo and ivory works.

5. Discuss the progress of Medical Research in India during Colonial Period. 11

Or

Trace the history of Geological Research in Colonial India.

6. Write the contribution of J. C. Bose to the field of Science. 11

Or

Write a note on M. K. Gandhi's view on Science and Technology. How far are his views different from Nehru?

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