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6 SEM TDC HST M 4

2019

(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 *Brihat Samhita*?
- (b) Name the ruler who completed the
Sudarshan Lake.
- (c) Mention the name of the Tughluq
Emperor who established an
observatory.

(2)

- (d) Where did Persian wheel originate?
- (e) Mention one major cottage industry of Medieval Assam.
- (f) What is *Brindavani Bastra*?
- (g) Who established the Asiatic Society of Bengal?
- (h) What is the full form of ICAR?

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

- (a) Aryabhata
- (b) Unani system of medicine
- (c) Silk textile of Assam
- (d) Geological Survey of India
- (e) Impact of Swadeshi Movement on modern technology

3. Discuss the history of the development of agriculture in Early India. 12

Or

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

4. Trace the history of development of astronomy in Medieval India. 12

Or

Discuss briefly about the development of chemistry and alchemy in India during the Medieval period.

5. Discuss about the gold washing and ornament making technology in pre-Colonial Assam. 6+6=12

Or

Describe the iron smelting and iron works of Assam during the pre-Colonial times.

6. Write a note on the introduction of modern science and technology in India during the Colonial period. 12

Or

Trace the history of development of railways and steam navigation in India during the Colonial period. 6+6=12

7. Discuss the contributions of P. C. Ray in the field of science and technology. 12

Or

Write a note on Jawaharlal Nehru's view on science and technology.
