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6 SEM TDC HST M 4

2017

( 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 is the author of *Siddhanta  
Shiromani*?

(b) For what purpose was the Sudarshan  
Lake excavated?

( Turn Over )



- (c) Name the Tughlaq Emperor who established an observatory.
- (d) Where did Unani system originate?
- (e) What is 'Antheraea Assama'?
- (f) Which place of Assam is famous for 'bell-metal works'?
- (g) What was the former name of Assam Medical College?
- (h) Write the full form of CSIR.
2. Write short notes on any three of the following : 4×3=12
- (a) Aryabhatta
- (b) Irrigation system in Medieval India
- (c) Paper-making technology in Medieval Assam
- (d) Development of Railways during the colonial period
- (e) Impact of Swadeshi Movement in modern technology

3. Discuss the contributions of Sushruta and Charaka towards the development of medicine and surgery in Early India. 12

Or

Review the development of metallurgy and industries in Early India. 12

4. Discuss the history of the development of agriculture in Medieval India. 12

Or

Write a note on the development of Astronomy in Medieval India. 12

5. Analyse the iron smelting and iron works of Assam in the pre-colonial times. 12

Or

Give a brief account of various crafts prevalent in Medieval Assam. 12

6. Describe the activities of 'Geological Survey of India' during the colonial period. 12

Or

Write a note on the developments of Post and Telegraph in Colonial India. 12

( Turn Over )



( 4 )

7. Discuss the contributions of Mahendralal Sarkar in the field of science and technology. 6+6=12

Or

Write a note on Nehru's view on science and technology. 12

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