

2022

M.A.

4th Semester Examination

HISTORY

PAPER—HIS-401

**SOCIAL HISTORY OF SCIENCE, TECHNOLOGY
AND
MEDICINE IN INDIA: COLONIAL PERIOD**

Full Marks : 50

Time : 2 Hours

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Group - A

Answer any four questions.

4×2

1. Mention the three stages of George Basalla's model on the spread of western science.

(Turn Over)

2. Write in brief on V. V. Krishna's views regarding the nature of the cultivation of science in colonial India.
3. Discuss the importance of local knowledge and local information in the shaping of the study of western science in colonial India.
4. How did Henry Wesley Voysey describe diamond collection process in his reports?
5. When was Calcutta Medical College established and why?
6. How did practice of western scientific ideas in Bengali language develop during colonial period?

Group - B

Answer any *four* questions.

4×4

7. Write in brief on the contributions of William Carey towards the spread of botanical activities in colonial India.
8. How and in which circumstances Geological Survey of India was established?

9. Briefly discuss the role of Mahendralal Sircar in promoting national scientific outlook in colonial India.
10. Enumerate the reasons of attraction of Iswar Chandra Vidyasagar towards Homeopathy? What were the basic ideas of his Homeopathic treatment?
11. Write a short note on the establishment of the Indian Institute of Science.
12. Evaluate the devastating effects of the Spanish Flu on the public health condition of India.

Group - C

Answer any *two* questions. 2×8

13. Explain the advent of western scientific ideas in India. Discuss the different views on this aspect.
14. How far was the Agri-Horticultural Society of India successful in creating a new concept of agricultural development in its formative years?

15. How would Francis Buchanan's surveys contribute to the scientific explorations of British East India Company?
16. What were the steps of introduction of science in education in colonial India?

[Internal Assessment - 10 Marks]
