



PG CBCS
M.A. Semester-IV Examination, 2022
DEPARTMENT OF HISTORY
PAPER: HIS 401

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

Full Marks: 40

Time: 2 Hours

The figures in the right-hand margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable.

GROUP-A

1. Answer any two questions:

2×8=16

- Explain the contributions of Dr. Mahendra Lal Sircar and Dr. Rajendra Lal Dutta regarding the spread of Homeopathy practice in colonial India.
- Briefly analyse how did the colonial medicine accept and resist the practice of Ayurveda in 19th century Bengal.
- What are the main aspects of George Basalla's diffusionist model of the spread of western science? How far is it acceptable in colonial India?
- What were the main motives of colonial government towards the spread of colonial science practice in India?

GROUP-B

2. Answer any four questions:

4×4=16

- What was the contribution of Satyendra Nath Bose in the spread of scientific ideas in the Bengali language?
- Write a short note on Acharya P.C Roy's role on the cultivation of scientific research in colonial India.
- How would you contextualize Unani's confrontation with the colonial medical system?
- Briefly discuss the various initiatives of spread of science education in colonial India.
- Mention Jagadish Chandra Bose's contributions on experimental scientific activities in colonial India.
- Enumerate the introduction of the electronic telegraph system in India.

GROUP-C

3. Answer any two questions:

4×2=8

- What do you mean by 'Indigenous Medicine'?
- Write basic differences between Colonial Science and National science.
- Write very shortly on the contributions of Madhusudan Gupta and Kadambini Ganguly in the field of medical science.
- Briefly discuss the salient features of colonial science.
- How and when was the Marine Survey Department established?
- Mention any two aims for establishing Zoological Survey of India (1916).
