

19(D) M.A/Sem-III/Hist/EC-11/DODL/20

2020

## HISTORY

### Semester-III Examination (DODL)

Paper : CC-11

(History of Science, Technology, Medicine)

Full Marks : 80 Time : 4 Hours

*The figures in the right-hand margin indicate marks.*

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

#### GROUP-A

Answer any **four** questions : 15×4=60

1. Write a note on Science and Technology in Pre-colonial India. How did the colonial powers penetrate Indian society through science?  
10+5=15
2. Give a brief description on the life and experience of the writer of 'Text Book of Heat'. 15
3. Write an essay on the Calcutta Medical College, established in 1835. How do you explain Basalla's thesis as a Model of Science Policy?  
10+5=15

[Turn over]

4. Who is known as Master of Nitrate? Narrate his life and work on science. 1+14=15
5. Compare between oriental and occidental mode of studying science. 15
6. Who established the Indian Association for the Cultivation of Science? Show how his interest and course of life had shifted from Allopathic to Homeopathic Science. 2+13=15
7. Give a detailed account of S.N. Bose's life and contribution in the field of science. 15
8. What is the importance of 'Science Education in India? Evaluate the role of IITs in this connection. 15

#### GROUP-B

Answer any **four** questions: 5×4=20

1. Write an essay on P.N. Bose. 5
2. Critically narrate the journey of Bengal Technical Institute. 5
3. Write an essay on Guindy Engineering College. 5
4. What was the real motive for establishing the Asiatic Society in India? 5

19(D)

[ 2 ]

5. What was the Indian response to the western science? 5
  6. Focus on the major events of Thomason College. 5
  7. What is the function of the 'Survey of India? 5
  8. How do you observe the consequence of science, technology and medicine as an area of interest as a learner of History? 5
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