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(Pages: 2)

Name :

Reg. No :

FOURTH SEMESTER M.A. DEGREE EXAMINATION, APRIL 2025

(CBCSS-PG)

(Regular/Supplementary/Improvement)

CC19P HIS4 E03 - SCIENCE AND TECHNOLOGY IN MEDIEVAL INDIA

(History)

(2019 Admission onwards)

Time: 3 Hours

Maximum: 30 Weightage

Part-A

Answer any *four* questions. Each question carries 2 weightage.

1. Concept of Knowledge in medieval India.
2. Bhaskaracharya.
3. Agricultural crops in medieval India.
4. Valangai and edangai.
5. Use of iron tools in medieval India.
6. Construction industry in medieval India.
7. Land transportation in medieval India.

(4 × 2 = 8 Weightage)

Part-B

Answer any *four* questions. Each question carries 3 weightage.

8. Discuss the contributions of Aryabhatta in the history of the development of Indian mathematics and astronomy.
9. Discuss the various medical practices that were in vogue in medieval South India.
10. Discuss the influence of Western Ghats on South Indian agriculture.
11. Discuss the progress of paper production in medieval India.
12. Write a note on the construction of bridges in medieval India.
13. How the arrival of the Europeans exposed the weakness of Indian maritime technology in medieval India? Discuss.
14. Discuss the Mughal construction technology.

(4 × 3 = 12 Weightage)

Part-C

Answer any *two* questions. Each question carries 5 weightage.

15. Was there a shift in civilization in the 12th century India? If so, analyse how it affected the development of science and technology in Medieval India?
16. Discuss how the establishment of Indo-Islamic empires affected the development of science and technology in medieval India.
17. Discuss the development in textile industry and its impact on industrial production in medieval India.
18. Evaluate how contact with outside world helped in assimilating new technologies in medieval India with special reference to paper and printing technology.

(2 × 5 = 10 Weightage)
