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Name: .....

Reg.No: .....

**FOURTH SEMESTER M.A. DEGREE EXAMINATION, APRIL 2023**  
(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. Medical knowledge in pre-Islamic India.
2. Bhaskaracharya.
3. South Indian agriculture in medieval India.
4. Agricultural technology in Medieval India.
5. Food crops in medieval India.
6. Spinning Wheel.
7. Risks of land routes in medieval India.

**(4 × 2 = 8 Weightage)**

**Part-B**

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

8. Discuss how far the caste system played a role in the stagnation of scientific and technological advancement in early medieval India.
9. Discuss the influence of Ayurveda and Unani practices in medieval India.
10. Discuss the condition of metallurgy in medieval India.
11. What was the role played by Europeans in introducing and disseminating printing technology in India?
12. What was the condition of roads in medieval India? Discuss
13. How the arrival of the Europeans exposed the weakness of Indian maritime technology in medieval India? Discuss.
14. Discuss the evolution of building technology in medieval India

**(4 × 3 = 12 Weightage)**

### **Part-C**

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

15. Did the rise of Indo-Islamic empires in India contributed to the rise of a more dynamic intellectual interaction in medieval India? Discuss.
16. Write a note on Aryabhatiya and Tantrasamgraha. Do you think these works laid the foundation of mathematical/astronomical knowledge in medieval India?
17. Discuss how agriculture sector developed in medieval India with special reference to the intervention of state.
18. Discuss the status of industrialization in medieval India.

**(2 × 5 = 10 Weightage)**

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