

2025

M.Sc. 1st Semester Examination

BIOCHEMISTRY

Paper : BICO406VC

[Indian Knowledge System (IKS)]

Full Marks : 25

Time : One Hour

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

Group - A

Answer any *two* questions : 2×2=4

1. What is meant by Indian knowledge system?
2. State one contribution of Aryabhatta to astronomy.
3. What are the three doshas (biological hormones) in Ayurveda?
4. Mention any two areas covered under life sciences in Ancient India.

P.T.O.

(2)

Group - B

Answer any *two* questions : 4×2=8

5. Write a short note on the ancient education system with reference to Takshashila and Nalanda Universities.
6. What are the six tastes in Ayurveda and write their significance?
7. Explain the mathematical contributions of the Shulbasutra in the development of geometry.
8. Describe the role of agriculture and ecology in the ancient Indian Life Science.

Group - C

Answer any *one* question : 8×1=8

9. Describe the integrated approach to health-care in ancient India focusing on surgery and yoga. 4+4
10. Explain how Indian knowledge contribute to algebra and geometry.

Internal Assessment : 5 marks
