

2025

**M.Sc. 1st Semester Examination
OCEAN GEOMATICS WITH AI**

Paper : OGAO404VC

(Indian Knowledge System)

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 : $2 \times 2 = 4$

1. What is meant by Arthaśāstra?
2. Define Yoga according to Patañjali.
3. Name any two ancient Indian texts on Ayurveda.
4. What is meant by Prakṛti in Āyurveda?

Group - B

Answer any *two* questions : $4 \times 2 = 8$

5. What are the major streams of knowledge in ancient India?

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6. How does Yoga help to improve the physical and mental health?
7. Briefly explain the importance of zero in Indian mathematics.
8. Describe the Gurū - Śiṣya Paramparā as a method of knowledge transmission.

Group - C

Answer any *one* question : $8 \times 1 = 8$

9. Critically discuss the foundational principles of Indian Knowledge Systems.
10. What are the principles of Indian temple architecture? Discuss Pāṇini's contribution to linguistics and its scientific nature.

Internal Assessment : 5 marks
