

2025

M.Sc. 1st Semester Examination

ZOOLOGY

Paper : ZOOO406VC

[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. Mention the name of Indian sage from Bhagavad Gita who gave the atomic theory in ancient Knowledge System.
2. Name any two ancient Indian Universities.
3. State the use of turmeric and curcumin in our traditional Vedic culture.
4. Define Ethnic studies in the context of Indian Knowledge System.

P.T.O.

(2)

Group - B

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

5. Describe traditional Indian Knowledge related to Agriculture and Crop sustainability.
6. Write notes on : $2+2$
 - (i) Yoga and Meditation
 - (ii) Medicinal value of various herbs. Cite one example.
7. What are the metals mentioned in Vedic period Atharva Veda? How traditional practice in Indian ancient chemistry is validated by scientific ideas in modern time? $1+3$
8. Explain the concept of the Tridosha in Ayurveda in relation to human health.

Group - C

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

9. Mention the ancient scared culture that prevent the degradation of environmental health.
10. Write notes on (any *four*) : $2 \times 4 = 8$
 - (i) Wild animals with peoples' religious beliefs.
 - (ii) Pancha Siddhantika : The five Astronomical Treatises.
 - (iii) Arthashastra by Kautilya.

(3)

- (iv) Pranayama.
- (v) Maharishi Gautama.
- (vi) Matter states.

Internal Assessment : 5 marks
