

April 2025
B.A./B.Sc.
Second Semester
VALUE ADDED COURSE – 2
PHYSICS
Course Code: PHV 2.11
(Foundation Course in Indian Knowledge System)

Total Mark: 50

Pass Mark: 20

Time: 2 hours

I. Answer the following questions.

1. (a) “India has the largest cultivable area in the world.” Explain how geographical and climatic conditions support this. 6
(b) Name any three great rivers of India and explain their significance. 6
2. (a) Write a note on the food and the traditional musical instruments used by the Nagas. 6
(b) Briefly discuss the four mountain systems of Nagaland. 6
3. (a) Explain in short how astronomy is studied in different civilizations around the world and its significance till today. 6
(b) Explain the three different coordinate systems used in positional astronomy. 6

II. Answer any two of the following questions.

4. (a) India’s splendid geographical isolation has helped it preserve a unique identity. Discuss. 3½
(b) Give in short, account of Nagaland’s cultural diversity. 3½
5. (a) Write a short note on the people and the tribes of Nagaland. 3½
(b) Describe any two festivals of the people of Nagaland. 3½
6. (a) What is a celestial sphere? Discuss its important features. 3½
(b) Explain the phenomenon solar eclipse with diagram. 3½