Roll No. .....

Total Pages : 2

324406

May-2026

B.Sc. - IV SEMESTER

Indian Knowledge System

(VAC–104–V)

Time : 3 Hours]

[Maximum Marks : 75

Instructions :

1. *It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
2. *Answer any four questions from Part-B in detail.*
3. *Different sub-parts of a question are to be attempted adjacent to each other.*

PART – A

1. (a) Define Indian Knowledge System (IKS). (1.5)

(b) Name any two Scientist sages of ancient Bharat. (1.5)

(c) Who propounded Ashtanga Yoga? (1.5)

(d) Which Sage of Ancient Bharat contributed in linguistic? (1.5)

(e) Exemplify Vedic Mathematics. (1.5)

(f) Name two sages contributed in astronomy. (1.5)

(g) Which sage contributed in Medicine and surgery and how? (1.5)

(h) What is Vastusastra? (1.5)

(i) Define traditional measurement system. (1.5)

(j) How IKS is crucial for youth? (1.5)

PART – B

2. (a) Explain the eight limbs of ashtang yoga. (10)

   (b) Briefly describe the Rasa sidhanta. (5)

3. (a) Discuss the development of Indian Astronomy. (5)

   (b) Explain Vadic mathematics and its application. (10)

4. Discuss the various stream of knowledge in Bharat and their significance. (15)

5. (a) Discuss difference between Ayurveda and allopathy. (5)

   (b) Describe basic principals of Ayurveda and underline the contribution of Shushruta. (10)

6. (a) Analyze the relevance of vastushastra in architectural planning today. (10)

   (b) Write a short note on Arthashastra. (5)

7. Write an essay on relevance of IKS in modern times. (15)