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Total Pages : 3

**322207**

**May 2026**

**B.SC. (CHEMISTRY) II 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) How does IKS integrate scientific knowledge with spiritual and ethical values? (1.5)
- (b) How many Vedas are there? (1.5)
- (c) How is Ayurveda relevant today? (1.5)
- (d) Who is known as the 'Father of Indian Mathematics'? (1.5)
- (e) What is Karma? (1.5)
- (f) Who is the founder of Yoga? (1.5)

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- (g) Who is the father of Arthashastra? (1.5)
- (h) What is the main theme of Chanakya's teachings? (1.5)
- (i) What advice did Chanakya give on self-improvement? (1.5)
- (j) Who is the founder of Ayurveda? (1.5)

**PART-B**

2. (a) What is the nature, philosophy and characteristics of Indian knowledge system? (10)
- (b) What is the psychology of Yoga in Indian perspective? (5)
3. (a) What is the Panchmahabhutas of Ayurveda? Write in brief. (10)
- (b) Write down the name of different types of Vedic literature and its importance. (5)
4. (a) What is the Indian system of medicine and write down the Ayurveda system of medicine in brief. (10)
- (b) Write down an introduction of Indian Astronomy. (5)
5. (a) What are the 7 pillars of Arthashastra and write down the importance of Arthashastra. (10)
- (b) What is the significance of Vedas, Upanishads and Puranas in Indian knowledge system? (5)

6. Write down meaning and definition of Arthashastra. What is the need of Arthashastra in modern management? Write in detail. (15)
7. What is Vaastu-Shastra and write down the basic principles of Vaastu-Shastra and how it is important for human being life-style. Describe in detail. (15)