



ESSENCE OF INDIAN KNOWLEDGE TRADITION

1st Internal – Exam-Ready Question Bank

12 QUESTIONS TOTAL | PART A: 6 | PART B: 3 | PART C: 3

PART A – 2 MARK QUESTIONS

Write short, direct answers using the terms given in the supplied notes.

Q1. Who is known as the Father of Indian Ancient Mathematics? (2 Marks)

Answer: Arya Bhatt is named in the supplied notes in connection with the discovery of zero.

Q2. What are the Vedas? Name them. (2 Marks)

Answer: The supplied notes refer to Vedic traditions and a Vedic tradition of “one nation – one people”. The names of the Vedas are not listed in the supplied notes.

Q3. Define Astronomy. (2 Marks)

Answer: The supplied notes include astronomy among the science contributions of Indian Knowledge Tradition. A separate definition is not given.

Q4. What is Yoga? (2 Marks)

Answer: Yoga is presented through Yoga Sutras as a path involving ethical practice, discipline, physical postures, breathing, meditation, and self-awareness.

Q5. What is Indian Architecture? (2 Marks)

Answer: Indian architecture is described in the notes through indigenous, locally sourced, sustainable and climate-resilient building practices.

Q6. Define Ayurveda. (2 Marks)

Answer: Ayurveda is described as a preventive health system that treats root causes through tailored diet, lifestyle, and botanical remedies.

PART B – 5 MARK QUESTIONS

Write five clear, source-supported points for each answer.

Q1. Write the nature of Indian Knowledge Tradition. (5 Marks)

Answer: The notes describe Indian Knowledge Tradition through the following features:

- Ancient and continuous: It is described as one of the oldest traditional systems in the world.
- Sources of history: Traditional knowledge has archaeological and literary sources.
- Sanskrit: Sanskrit is described as an old and god language.



For more notes, scan & check

- Unity and diversity: Indian society is presented as a multicultural society with unity in diversity.
- Knowledge domains: Knowledge covers spiritual, religious, and social/day-to-day domains.

Q2. Write the nature of Ancient Mathematics. (5 Marks)

Answer: The supplied notes give the following points about Indian mathematics:

- Zero: The notes mention the discovery of zero by Arya Bhatt.
- Decimal system: The decimal system is included among mathematical contributions.
- Numerals: Numerals are listed as a contribution of Indian knowledge.
- Intuitive reasoning: Vedic mathematics is described as supporting rapid mental problem-solving and geometric reasoning.
- Scholars: Sankaracharya, Ramanujacharya, and Madhvacharya are named as exponents of IKS.

Q3. Write the nature of Yoga Sutras. (5 Marks)

Answer: The notes present Yoga Sutras and yoga practice through the following points:

- Classical work: Patanjali's Yoga Sutras are named among Indian knowledge works.
- Yoga philosophy: The notes link yoga with the personal development of body and mind.
- Eight limbs: The Yoga Sutras are described as having eight limbs.
- Ethical practice: Ahimsa, Karuna, and Maitri are named values.
- Well-being: Yoga, pranayama, and meditation are linked with mental health and resilience.

PART C – 10 MARK QUESTIONS

Write detailed answers in 7-8 clear, source-supported points.

Q1. Write the contributions of Indian Mathematics. (10 Marks)

Answer: Indian Knowledge Tradition records the following mathematical contributions:

- Discovery of zero: The notes connect the discovery of zero with Arya Bhatt.
- Decimal system: The decimal system is listed as an Indian mathematical contribution.
- Numerals: The notes include numerals among mathematical achievements.
- Vedic mathematics: It emphasizes intuitive and rapid mental problem-solving.
- Geometric reasoning: Vedic mathematics is also linked with unique geometric reasoning.
- Ancient scholars: Sankaracharya, Ramanujacharya, and Madhvacharya are named as exponents of IKS.
- Traditional learning: Gurukul education and classical texts carried knowledge across generations.
- Continuity: Ancient knowledge was preserved and transmitted orally before later formal preservation.

Q2. Explain Indian Knowledge Tradition in Science & Technology. (10 Marks)

Answer: The notes describe Indian Knowledge Tradition in science and technology through the following areas:

- Scientific classification: IKS contributed to science, engineering, technology, humanities, and social sciences through a structured classification.
- Astronomy and movements: Astronomy and planetary movements are named among science contributions.
- Medicine: Health and well-being include plants, herbs, and surgical procedures.
- Mathematics: Zero, the decimal system, and numerals are listed as contributions.
- Language: Sanskrit grammar associated with Panini is included under language and linguistics.
- Architecture: Indigenous architecture uses local, sustainable materials and climate-resilient practices.
- Water conservation: Traditional systems such as stepwells and local rainwater networks are described as climate resilient.
- Governance: Arthashastra is named in relation to governance, taxation, state revenue, public welfare, and accountability.



For more notes, scan & check

Q3. Explain the concept of Yoga in detail. (10 Marks)

Answer: The supplied notes explain yoga as a complete path for personal development and well-being:

- Yoga philosophy: Yoga is linked with personal development through body, mind, and self-awareness.
- Eight limbs: The notes state that Yoga Sutras have eight limbs.
- Ethical values: Ahimsa, Karuna, and Maitri are named as yoga-related values.
- Physical practice: Yoga includes physical postures and breathing practices.
- Meditation: Meditation is listed as part of yoga practice.
- Health: Yoga, pranayama, and meditation are described as therapeutic practices for anxiety and stress reduction.
- Mental resilience: The notes link yoga practices with overall cognitive enhancement and mental resilience.
- Contemporary relevance: The notes state that modern health systems should not focus only on emergency care, but also on chronic stress and lifestyle conditions.



GPT-6 ASTRA
~K/S



For more notes, scan & check