Academic year 2025-2026 (Odd Semester)

Date	Dec 2025	Maximum Marks	50 + 10
Course Code	HS271TA	Duration	120 Min
Sem	VII	CIE II	

INDIAN KNOWLEDGE SYSTEM

PART – A (10 Marks)

Sl.No		M	CO	BT
1	**Which Doṣa is primarily responsible for movement in the body?** a) Pitta b) Kapha c) Vāta d) Tejas	1	3	L1
2	**The treatise that governs Vāstu Śāstra principles is:** a) Nāṭya Śāstra b) Mānasāra c) Sushruta Samhita d) Rigveda	1	3	L1
3	**The basic unit of Indian town planning in Vāstu is:** a) Maṇḍala b) Karmic grid c) Pada d) Prāṇa grid	1	3	L1
4	**The Eight Limbs of Vāstu are known as:** a) Aṣṭāṅga Vāstu b) Saddarśana c) Pañcha Mahābhūta d) Mantra Śāstra	1	2	L1
5	**The temple style with curvilinear Shikhara is:** a) Nagara b) Dravidian c) Vesara d) Ajanta	1	2	L1
6	**The ratio of circumference to diameter is known as:** a) e b) π c) φ d) α	1	3	L1
7	**Āryabhaṭa proposed that Earth:** a) Is stationary b) Rotates on its axis c) Orbits the Sun annually d) Is flat	1	2	L1
8	**Which metal was used first in ancient India?** a) Iron b) Copper c) Steel d) Aluminium	1	3	L1
9	**Which Yantra is used for measuring time?** a) Gola-yantra b) Chakra-yantra c) Water clock (Ghati Yantra) d) Shanku-yantra	1	3	L1
10	**The Chandasutras are fundamentally related to:** a) Geometry b) Meter of poetry c) Planetary motion d) Aromatic chemicals	1	2	L1

TEST

Sl. No.		Part- B Questions	M	CO	BT
1	a	Derive the nth term of an arithmetic progression	03		
	b	Mention any two Panchanga elements.	02		
	c	What is Wootz steel	02	3	L1
	d	Explain Piṅgala's contribution to combinatorics	03		
2	a	Describe the role of geometry in temple construction.	03		
	b	Describe the art of making natural perfumes.	03		
	c	What is Piṅgala's binary system?	02	3	L2
	d	What is a Tithi?	02		
3	a	Explain the features of Nagara and Dravidian temple architecture with examples.	03		
	b	Describe major water management practices for sustainable agriculture	03		
	c	Explain the BMI–Consciousness Complex with a suitable example	02	2	L1
	d	Describe the Triguṇa System and its influence on human behaviour	02		
4	a	Compare Nagara and Dravidian temple architecture with examples.	03		
	b	Describe the Triguṇa system and its psychological significance	02		
	c	State components of the BMI-C model.	02	2	L2
	d	Discuss the educational significance of the 64 Kalās.	03		
5	a	Mention any two of the 64 Kalās	02		
	b	Differentiate between Tamas, Sattva and Rajas	03		
	c	What is meant by Aṣṭāṅga Vāstu? Give two examples	03	3	L1
	d	State two advantages of sprinkler irrigation.	02		

BT-Blooms Taxonomy, CO-Course Outcomes, M-Marks

Marks Distribution	Particulars		CO1	CO2	CO3	CO4	L1	L2	L3	L4	L5	L6
	Test	Max Marks	-	24	36	-	40	20	—	—	—	—

Course Outcomes:

CO1 Explain the nature, scope, and historical development of Indian Knowledge Systems and differentiate traditional knowledge from modern scientific paradigms

CO2 Analyze the foundational concepts of Indian contributions to linguistics, mathematics, and science, including works of Pānini, Piṅgala and others

CO3 Evaluate the applications of traditional Indian technologies in areas such as astronomy, metallurgy, architecture, and medicine.

CO4 Assess the relevance of Indian Knowledge Systems in the context of sustainable development goals and propose methods to safeguard and integrate IKS in contemporary society.