

**R.N.G.PATEL INSTITUTE OF TECHNOLOGY-RNGPIT**  
(An Autonomous Institute U/s UGC Act 1956)

**IMSc-IT SEMESTER-III, SEMESTER END EXAMINATION – WINTER 2025**

**SUBJECT CODE: 1BS307**

**DATE: 01-01-2026**

**SUBJECT NAME: INDIAN KNOWLEDGE SYSTEM-2**

**TIME: 11:00 AM to 12:00 PM**

**TOTAL MARKS: 25**

**Instructions**

1. It is **compulsory** for students to write **Enrolment No. /Seat No.** on the question paper.
2. The figures to the right of each question indicate full marks, make suitable assumptions wherever necessary.
3. The question paper consists of 25 questions, each carrying 1 mark. Attempt all questions. There is no negative marking.
4. All answers must be marked on the OMR sheet only.
5. BL - Bloom's Taxonomy Levels (R-Remember, U-Understanding, A –Application, N –Analyse, E – Evaluate, C -Create), CO - Course Outcomes.

Q. No	Multiple-Choice Questions	Marks	BL	CO
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1.	Varahamihira's major work was:	1	R	1
	A. Aryabhatiya			
	B. Panchasiddhantika			
	C. Surya Siddhanta			
	D. Siddhanta			
2.	Brahmagupta introduced:	1	U	1
	A. Decimal fraction			
	B. Zero and negative numbers			
	C. Logarithms			
	D. Trigonometry			
3.	Ancient observatories like Jantar Mantar were built in:	1	R	1
	A. 10th century			
	B. 18th century			
	C. 7th century			
	D. 5th century			
4.	Bhaskara II authored:	1	U	1
	A. Surya Siddhanta			
	B. Siddhanta Shiromani			
	C. Panchasiddhantika			
	D. Vedanga Jyotisha			
5.	Krishna Paksha means:	1	R	1
	A. Waxing Moon			
	B. Waning Moon			
	C. Full Moon			
	D. New Moon			
6.	The <b>gnomon (Shanku)</b> was used to measure:	1	U	1
	A. Solar eclipses			
	B. Shadows and time			
	C. Lunar distances			
	D. Comet paths			

7. Which is NOT a Prameya according to Nyaya? 1 R 2
- A. Body B. Senses  
C. Computer D. Atman
8. Fallacy where reason leads to contradictory results: 1 U 2
- A. Viruddha B. Vyabhichara  
C. Sadhyasama D. Kalatita
9. Earth (Prithvi) is characterized by: 1 R 2
- A. Touch B. Smell  
C. Sound D. Color
10. How many categories (Padarthas) did Vaisheshika originally propose? 1 U 2
- A. 6 B. 7  
C. 9 D. 4
11. IKS is rooted in: 1 R 2
- A. Modern research papers B. Vedas and Upanishads  
C. Greek philosophy D. Chinese medicine
12. Pramata refers to: 1 U 2
- A. Doubt B. Objects of knowledge  
C. Knower D. Means of knowledge
13. When Agni is weak, it leads to \_\_\_\_\_. 1 R 3
- A. Strength B. Toxins formation  
C. Healing D. Calmness
14. Āyurveda literally means \_\_\_\_\_. 1 U 3
- A. Science of plants B. Science of food  
C. Science of life D. Science of healing
15. The outermost sheath of the human being is \_\_\_\_\_. 1 R 3
- A. Ānandamaya koṣa B. Manomaya koṣa  
C. Annamaya koṣa D. Vijñānamaya koṣa
16. Health according to Indian system is not only physical but also \_\_\_\_\_. 1 U 3
- A. Mental and spiritual B. Genetic  
C. Social D. Hereditary
17. According to Ayurveda, a person is healthy when doṣas, dhātus, and malas are in \_\_\_\_\_. 1 R 3
- A. Conflict B. Balance  
C. Motion D. Dormancy
18. The dhātu responsible for nourishment is \_\_\_\_\_. 1 U 3
- A. Rasa B. Majja  
C. Meda D. Śukra
19. The vehicle (Vahana) of Goddess Saraswati is \_\_\_\_\_. 1 R 4
- A. Tiger B. Peacock  
C. Swan D. Elephant
20. The Sun Temple at Konark represents the chariot of \_\_\_\_\_. 1 U 4
- A. Vishnu B. Surya  
C. Shiva D. Indra

21. Vāstu-śāstra is primarily concerned with the harmony between \_\_\_\_\_. **1 R 4**  
A. Man and society **B. Man and nature**  
C. Man and trade **D. Man and politics**
22. The ideal direction for the entrance in Vāstu is \_\_\_\_\_. **1 U 4**  
A. South **B. East**  
C. West **D. North-West**
23. Proper drainage system was a feature of \_\_\_\_\_ cities **1 R 4**  
A. Harappan **B. Mauryan**  
C. Gupta **D. Chola**
24. The term “Nagara” in Sanskrit refers to \_\_\_\_\_. **1 U 4**  
A. Village **B. Town or city**  
C. Fort **D. Temple**
25. The main purpose of temple architecture was to represent \_\_\_\_\_. **1 R 4**  
A. Wealth **B. Divine cosmos**  
C. Royal power **D. Trade centers**

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