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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

(An Autonomous Institute Affiliated to AKTU, Lucknow)

B.Tech / M.Tech (Integrated)

SEM: VI- THEORY EXAMINATION (2022-2023)

Subject **Essence of Indian Traditional Knowledge**

Time: 2 Hours

Max. Marks:50

General Instructions:

IMP: Verify that you have received question paper with correct course, code, branch etc.

1. This Question paper comprises of three Sections -A, B, & C. It consists of Multiple Choice Questions (MCQ's) & Subjective type questions.
2. Maximum marks for each question are indicated on right hand side of each question.
3. Illustrate your answers with neat sketches wherever necessary.
4. Assume suitable data if necessary.
5. Preferably, write the answers in sequential order.
6. No sheet should be left blank. Any written material after a blank sheet will not be evaluated/checked.

SECTION – A

15

1. Attempt all parts:-

- 1-a. Which Historian compared the Mauryan council of Ministers with Privy council of Britain? (CO1) 1
 (i) R. C. Majumdar (ii) A. S. Altekar
 (iii) Romali Thapar (iv) Bipin Chandra
- 1-b. Upamitibhava Prapancha Katha was written by _____. (CO2) 1
 (i) Ezhuthachan (ii) Hala
 (iii) Siddharasi (iv) Asvaghosha
- 1-c. Which school of Philosophy has a view that salvation can be attained through acquisition of knowledge? (CO3) 1
 (i) Nyaya school (ii) Samkhya school
 (iii) Vaisheshika school (iv) Mimamsa school
- 1-d. _____Propounded the theory that earth is round and that it rotates on its own axis. (CO4) 1
 (i) Aryabhata (ii) Brahmagupta
 (iii) Varahamihira (iv) Bhaskaracharya
- 1-e. Which one of the following is not a feature of Nagara style of temple Architecture? (CO5) 1

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|---------------|------------------|
| (i) Shikhara | (ii) Garbhagraha |
| (iii) Gopuram | (iv) Adisthana |

2. Attempt all parts:-

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| 2.a. Briefly explain the difference between Sabha & Samiti. (CO1) | 2 |
| 2.b. Briefly explain the Upavedas. (CO2) | 2 |
| 2.c. Write the key concept of Charvaka school of Philosophy. (CO3) | 2 |
| 2.d. Briefly explain the Alchemy. (CO4) | 2 |
| 2.e. Differentiate Architecture from Sculpture. (CO5) | 2 |

SECTION – B

15

3. Answer any **three** of the following-

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| 3-a. Elucidate the various Stages of State Formation in Ancient India. (CO1) | 5 |
| 3-b. Discuss the development of Persian and Urdu literature in India. (CO2) | 5 |
| 3-c. Describe the Four noble Truth, Three Jewels and Trisiksha of Buddhism.(CO3) | 5 |
| 3-d. Explain the contribution of Brahmagupta, Baudhayana, Apastamba & Bhaskara II in Mathematics. (CO4) | 5 |
| 3-e. Describe the different types of potteries that came into existence in India during ancient age. (CO5) | 5 |

SECTION – C

20

4. Answer any **one** of the following-

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| 4-a. Elaborate the 'Saptanga' theory proposed by Chankya. (CO1) | 4 |
| 4-b. Define Purusartha and also explain the types of Purusartha. (CO1) | 4 |

5. Answer any **one** of the following-

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|--|---|
| 5-a. Illustrate the emergence of scripting system in ancient India.(CO2) | 4 |
| 5-b. Explain the five cardinal concepts of Upanishad. (CO2) | 4 |

6. Answer any **one** of the following-

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|---|---|
| 6-a. Describe the 'Saguna' and 'Nirguna' school of Bhakti Movement. (CO3) | 4 |
| 6-b. Illustrate the 'Shad-Darshan' philosophy of ancient India. (CO3) | 4 |

7. Answer any **one** of the following-

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| 7-a. Discuss the progress witnessed in India in the field of astronomy during ancient age. (CO4) | 4 |
| 7-b. Explain Harappan technologies and water management in India. (CO4) | 4 |

8. Answer any **one** of the following-

- | | |
|---|---|
| 8-a. Explain the differences between Nagara school of temple architecture and Dravidian style of temple architecture. (CO5) | 4 |
| 8-b. Explain the differences between Carnatic Music and Hindustani Music. (CO5) | 4 |