

NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA  
(An Autonomous Institute Affiliated to AKTU, Lucknow)  
B.Tech

SEM: IV - THEORY EXAMINATION (2021 - 2022)  
Subject: Essence of Indian Traditional Knowledge

Time: 3 Hours

Max. Marks: 50

### General Instructions:

1. The question paper comprises three sections, A, B, and C. You are expected to answer them as directed.
2. Section A - Question No- 1 is 1 mark each & Question No- 2 carries 2 mark each.
3. Section B - Question No-3 is based on external choice carrying 5 marks each.
4. Section C - Questions No. 4-8 are within unit choice questions carrying 4 marks each.
5. 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. | Who was the author of Nitisara? (CO1)  | 1 |
|      | (a) Kamandaka  |   |
|      | (b) kautilaya  |   |
|      | (c) Manu   |   |
|      | (d) panini   |   |
| 1b-  | _____ Script is called the mother of most Indian script. (CO2)                                     | 1 |
|      | (a) Sarada   |   |
|      | (b) Gurumukhi  |   |
|      | (c) Brahmi   |   |
|      | (d) Nagari Script  |   |
| 1-c  | Enlist the following do not belong to Heterodox school of Indian Philosophy. (CO3)                 | 1 |
|      | (a) Buddhist school  |   |
|      | (b) Jaina school   |   |
|      | (c) Charvaka school  |   |
|      | (d) Vaisheshika school   |   |
| 1d.  | During the Vedic time, _____ were the practitioners of medicine. (CO4)                             | 1 |
|      | (a) Bhaskaracharya   |   |
|      | (b) Patanjali  |   |
|      | (c) Ashwini Kumar  |   |
|      | (d) Brahmagupta  |   |
| 1e.  | _____ issued the purest gold coins and the largest number of copper coins in Indian history. (CO5) | 1 |
|      | (a) Mauryan  |   |
|      | (b) Kushana  |   |
|      | (c) Satavahana   |   |
|      | (d) Gupta  |   |

2. Attempt all parts:-

- |      |   |   |
|------|---|---|
| 2.a. | Discuss Mantrina & Mantri Parishad in Ancient India. (CO1)        | 2 |
| 2.b. | Explain the Abugida system of writing. (CO2)                      | 2 |
| 2.c. | Enlist the key concept of Vaisheshika school of philosophy. (CO3) | 2 |
| 2.d. | Write a short note on Metallurgy in ancient India. (CO4)          | 2 |

2.e.	Enlist the significance of Harappan Seals. (CO5)	2
SECTION B		15
3.	Answer any <u>three</u> of the following:-	
3a-	The Social Contract Theory is related to the origination of a state. Justify. (CO1)	5
3b-	Illustrate the emergence of scripting system in India. (CO2)	5
3.c.	Enlist and Discuss about different school of Orthodox school of philosophy in India. (CO3)	5
3.f.	Discuss the growth of Medicine in India. (CO4)	5
3.g.	Discuss the Cave architecture of ancient India & Enlist famous Rock-Cut Cave. (CO5)	5

#### SECTION C

20

4.	Answer any <u>one</u> of the following:-	
4-a.	Discuss the stages of state origin in ancient India. (CO1)	4
4-b.	Explain the eight forms of marriage in ancient India. (CO1)	4
5.	Answer any <u>one</u> of the following:-	
5 a.	Explain the process of evolution of Sangam Literature. Write the name of any 3 famous Sangam literature. (CO2)	4
5 b-	Write the name of 4 Vedas and discuss about its important features. (CO2)	4
6.	Answer any <u>one</u> of the following:-	
6a-	Differentiate between Samkhya school of philosophy and Nyaya school of philosophy. (CO3)	4
6b-	Explain Bhakti movement and discuss about the ideology of any 2 famous bhakti saint. (CO3)	4
7.	Answer any <u>one</u> of the following:-	
7a-	Discuss about India's Dominance up to Pre-colonial Times in trade. (CO4)	4
7b-	Write the contribution of Aryabhata and Bhaskaracharya in the field of Mathematics. (CO4)	4
8.	Answer any <u>one</u> of the following:-	
8a-	To what extent has the urban planning and culture of the Indus Valley Civilisation provided inputs to the present-day urbanisation? Explain. (CO5)	4
8 b-	Differentiate Mathura School of Art and Gandhara School of Art. (CO5)	4