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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

(An Autonomous Institute Affiliated to AKTU, Lucknow)

B.Tech

SEM: IV - THEORY EXAMINATION (2023- 2024)

Subject: Essence of Indian Traditional Knowledge

Time: 2 Hours

Max. Marks: 50

General Instructions:

IMP: Verify that you have received the question paper with the 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. Arthasasthra was written by____.(CO1) 1
- (a) Vishakhdutta
 - (b) Shudraka
 - (c) Vishnugupta
 - (d) Harisena
- 1-b. _____Script is called the mother of most Indian script. (CO2) 1
- (a) Sarada
 - (b) Gurumukhi
 - (c) Brahmi
 - (d) Nagari Script
- 1-c. _____ was the founder of BRAHMO SAMAJ.(CO3) 1
- (a) Sarala Devi Chaudhurani
 - (b) Swami Dayanand Saraswati
 - (c) Raja Ram Mohan Roy
 - (d) Maharishi Jamini
- 1-d. Brahmasputa Siddhanta was written by____.(CO4) 1
- (a) Brahmagupta
 - (b) Aryabhata
 - (c) Varahamihira

- (d) Bhaskaracharya
- 1-e. Adhai din ka Jhonpra was built by _____.(CO5) 1
- (a) Iltutmish
- (b) Ibrahim Lodhi
- (c) Qutb-ud-din Aibak
- (d) Raziyyat-Ud-Dunya Wa Ud-Din

2. Attempt all parts:-

- 2.a. Define Apad Dharma.(CO1) 2
- 2.b. Enlist the name of four Veda.(CO2) 2
- 2.c. Enlist two differences between Advaita & Vishishtadvaita.(CO3) 2
- 2.d. Briefly explain Alchemy.(CO4) 2
- 2.e. Enlist eight famous classical dance forms recognised by the Sangeet Natak Academy in India.(CO5) 2

SECTION-B

15

3. Answer any three of the following:-

- 3-a. Explain the kautilaya's saptanga theory of state.(CO1) 5
- 3-b. Illustrate the emergence of scripting system in India. (CO2) 5
- 3.c. Illustrate the 'Shad-Darshan' philosophy of ancient India.(CO3) 5
- 3.d. Explain the Water Management in India.(CO4) 5
- 3.e. 'Fairs and festivals are integral part of Indian social and economic scenario', Justify the statement with proper elaboration.(CO5) 5

SECTION-C

20

4. Answer any one of the following:-

- 4-a. Illustrate six stages of state formation as discussed in the literature.(CO1) 4
- 4-b. Define Purusārtha and explain its types in detail. (CO1) 4

5. Answer any one of the following:-

- 5-a. Explain the evolution of Indian literature.(CO2) 4
- 5-b. Explain the five key messages of Upanishad.(CO2) 4

6. Answer any one of the following:-

- 6-a. Describe socio-religious reform movement of 19th century in India.(CO3) 4
- 6-b. Differentiate between 'Saguna' and 'Nirguna' Bhakti Traditions.(CO3) 4

7. Answer any one of the following:-

- 7-a. Enumerate the unique aspects of Indian Mathematics. (CO4) 4
- 7-b. Discuss the development of chemistry in India.(CO4) 4

8. Answer any one of the following:-

- 8-a. Explain the differences between Architecture and Sculpture.(CO5) 4
- 8-b. Describe the evolution of Indian Cinema.(CO5) 4