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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

(An Autonomous Institute Affiliated to AKTU, Lucknow)

B.Tech

SEM: VI - 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. Agni Purana state that the king was a form of _____ (CO1) 1
- (a) Lord Vishnu
 - (b) Lord Shiva
 - (c) Lord brahma
 - (d) Lord indra
- 1-b. _____script follow only right to left writing system. (CO2) 1
- (a) Grantha
 - (b) Brahmi
 - (c) Harappan
 - (d) Khartoshi
- 1-c. _____is the founder of Nyaya school of philosophy. (CO3) 1
- (a) Uluka Kanada
 - (b) Kapil Muni
 - (c) Akshapada Gautama
 - (d) Maharishi Jaimini
- 1-d. _____ is not related to Bhaskaracharya's Siddhanta Shiromani. (CO4) 1
- (a) Lilavati
 - (b) Bījagaṇita

(c) Grahagaṇita	
(d) Rekhaganita	
1-e. _____dynasty introduced the purest gold coin in India. (CO5)	1
(a) Mauryan	
(b) Kushanas	
(c) Chola	
(d) Shunga	
2. Attempt all parts:-	
2.a. Enlist four elements of state. (CO1)	2
2.b. Write the name of four shruti and four smriti literature. (CO2)	2
2.c. Write the name of four peetha established by Adi Shankaryacharya and also mention its location. (CO3)	2
2.d. Briefly describe any two seal of Harappan civilization. (CO4)	2
2.e. Enlist the four oldest martial art and mention their state. (CO5)	2
<u>SECTION-B</u>	15
3. Answer any <u>three</u> of the following:-	
3-a. Differentiate Anuloma from Pratiloma marriage and also write the name of eight form of marriage. (CO1)	5
3-b. Write the name of three versions and seven Kandas (chapters) of Ramayana. (CO2)	5
3.c. Write the name of five Karmendriyas, five Gyanendriyas , five Mahabhutas and five Tanmatras according to Sankhya school of philosophy.(CO3)	5
3.d. Write three Dosha & explain their composition in Ayurveda and also define 'AYUSH'. (CO4)	5
3.e. Write down the differences between Mural & Miniature painting and also write the name of six principle (SADANGA) of painting. (CO5)	5
<u>SECTION-C</u>	20
4. Answer any <u>one</u> of the following:-	
4-a. Explain the seven limbs of state according to Kautilya. (CO1)	4
4-b. Explain the six stages of state formation in ancient India. (CO1)	4
5. Answer any <u>one</u> of the following:-	
5-a. Write the name of any Eight Sanskrit authors and mention their work. (CO2)	4
5-b. Illustrate the emergence of scripting system in ancient India. (CO2)	4
6. Answer any <u>one</u> of the following:-	
6-a. Describe the three jewels and five Vows of Jainism. (CO3)	4
6-b. Write the meaning of the following related to Yoga school of philosophy: (i) Yama (ii) Niyama (iii) Pratyahara (iv) Dharna (v) Dhyana (vi) Samadhi (vii) Asana (viii) Pranayama. (CO3)	4

7. Answer any one of the following:-

7-a. Describe the contribution of Indian in the field of astronomy. (CO4) 4

7-b. Discuss the development of chemistry in India. (CO4) 4

8. Answer any one of the following:-

8-a. Describe the classification of Indian architecture. (CO5) 4

8-b. Explain the classification of Indian music and their features. (CO5) 4

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