

Roll No.79.....

Total Pages : 04

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December 2024

B. Tech. (ME/ME (Hindi Medium))

(Fifth Semester)

Essence of Indian Traditional Knowledge

(MC-02)

Time : 3 Hours]

[Maximum Marks : 75

Note : It is compulsory to answer all the questions (1.5 marks each) of Part A in short. Answer any *four* questions from Part B in detail. Different sub-parts of a question are to be attempted adjacent to each other.

Part A

1. (a) What is the meaning of 'Indian Traditional Knowledge' ? 1.5
- (b) What is Ayurveda ? 1.5
- (c) Name the four Vedas. 1.5
- (d) What is the meaning of 'Dharma' ? 1.5
- (e) What is the purpose of Yoga ? 1.5

- (f) Define 'Upanishads'. 1.5
- (g) What are the Upavedas ? 1.5
- (h) What is traditional knowledge of the Indian judiciary ? 1.5
- (i) Explain Metaphysics. 1.5
- (j) What is the role of diet in Ayurvedic treatment ? 1.5

Part B

- 2. (a) Discuss the evolution of Indian traditional knowledge systems from ancient times to the present day, highlighting key developments and their impacts. 10
- (b) Discuss the fundamental concepts of Indian traditional knowledge and how they have evolved over time ? 5
- 3. (a) Discuss the significance of the Vedas in ancient Indian knowledge systems. 5

- (b) Analyze the role of the Upanishads in shaping Indian philosophical thought and their influence on other philosophical systems. 10
4. Describe the significance of traditional Indian festivals and rituals in maintaining social cohesion and cultural identity. 15
5. (a) Examine the role of Hindu cosmological theories in understanding the concept of time and the cycles of creation and destruction. 5
- (b) Discuss the different types of Yoga (e.g., Hatha Yoga, Raja Yoga, Bhakti Yoga) and their specific practices, goals, and benefits. 16
6. (a) Discuss, how Yoga and meditation contribute to holistic health care by promoting mental clarity, emotional balance, and physical fitness. 10
- (b) Analyze the concept of 'Doshas' in Ayurveda, their roles in health and disease and how they influence individual treatment plans ? 5

7. Discuss the influence of Indian traditional knowledge on modern scientific and technological advancements and how it has been integrated into contemporary practices. 15