

Roll No.

Total Pages : 04

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Dec. 2025

B.Tech. (ME/ME) (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) Define Traditional Knowledge with an example.
1.5
- (b) State the meaning of Rig Veda. 1.5
- (c) What is Ayurveda according to Indian Knowledge System ? 1.5

- (d) Mention two important Vedangas. 1.5
- (e) What is the main teaching of Sama Veda ? 1.5
- (f) Define holistic health care in one line. 1.5
- (g) Write any *two* differences between Modern science and Indian knowledge system. 1.5
- (h) What is the purpose of celebrating World Yoga Day ? 1.5
- (i) Mention any *two* contributions of Indian Knowledge System in Mathematics. 1.5
- (j) What do you understand by Yogic Concept of Wellbeing ? 1.5

Part B

2. (a) Explain, how Indian Traditional Knowledge contributes to sustainability in modern society. 10

- (b) Discuss the significance of Upanishads in understanding Indian philosophy. 5
3. (a) Discuss the importance of Dharmashastra in Indian society. 5
- (b) Describe the concept of Vedangas and explain their relevance in today's context. 10
4. What are the major fields of Indian Knowledge System (e.g., Medicine, Warfare, Communication, Cosmology) ? Explain each with suitable examples. 15
5. (a) What is the role of Ayurveda in maintaining balance between body, mind, and spirit ? 5
- (b) Explain the relationship between Yoga and holistic health care. 10
6. (a) What is Mimamsa ? Discuss its contribution to Indian logical and philosophical traditions. 10
- (b) Write a short notes on Patanjali Yoga Sutra. 5

7. Discuss with examples :

15

- (a) The correlation between Modern Science and Indian Knowledge System.
- (b) How ancient Indian knowledge can guide present-day technological advancements ?

