Dr. A.P.J. Abdul Kalam Technical University (AKTU) · B.Tech Theory Examination

Essence of Indian Traditional Knowledge

BNC602 · May 2026

Time: 3 HRS **Max. Marks: 70**

Attempt all Sections. In case of any missing data: choose suitably.

SECTION A

1(a)	Explain the theory of evolution.	2	U1
1(b)	What is meant by the Varnashrama System?	2	U1
1(c)	Give a brief description of the Upanishads.	2	U2
1(d)	How is Jain literature categorized?	2	U3
1(e)	Who is your favourite character from the Ramayana and why?	2	U2
1(f)	What is meant by Purusartha?	2	U1
1(g)	Who made significant contributions to mathematics?	2	U4

SECTION B

2(a)	Explain the Harappan script in detail.	7	U2
2(b)	Write a short note on various classical and folk dances of India.	7	U5
2(c)	Explain the Bhakti and Sufi movements and discuss their importance.	7	U3
2(d)	Discuss the contributions of India in the fields of Physics and Chemistry.	7	U4
2(e)	Explain the role of engineers in nation-building.	7	U1

SECTION C

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3(a)	Describe the seven elements (Saptanga) of the state as given by Chanakya.	7	U1
3(b)	Write a short note on the challenges faced by women in India.	7	U1
4(a)	Briefly explain the Rig Veda, Yajur Veda, Sama Veda and Atharva Veda.	7	U2
4(b)	Discuss the languages and literature of Northern India.	7	U2
5(a)	Describe the six schools of ancient Indian philosophy.	7	U3
5(b)	Explain the fundamental principles of Jainism.	7	U3
6(a)	Discuss the agricultural system in ancient India.	7	U4
6(b)	Write short notes on: (i) Mathematics in India (ii) Water management practices in India	7	U4
7(a)	Describe the major fairs and festivals celebrated in India.	7	U5
7(b)	What are the different types of architecture found in India? Explain them briefly.	7	U5

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