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

Essence of Indian Traditional Knowledge

BNC602 · May 2025

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

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

SECTION A

1(a)	Define evolutionary theory.	2	U1
1(b)	What is Varnashrama System?	2	U1
1(c)	Give a brief account on Upanishads.	2	U2
1(d)	How is Jain literature classified?	2	U3
1(e)	Who is your Hero from Ramayana and why?	2	U2
1(f)	What do you mean by Purusartha?	2	U1
1(g)	Who contributes most to mathematics?	2	U4

SECTION B

2(a)	Explain Harappan Script in detail.	7	U2
2(b)	Write a short note on different types of dances in India.	7	U5
2(c)	What are Bhakti Movement and Sufi Movement? Discuss their importance.	7	U3
2(d)	Discuss the contribution of Physics and Chemistry in India.	7	U4
2(e)	What are the roles of engineers in nation building?	7	U1

SECTION C

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3(a)	Describe seven limbs of the state given by Chanakya.	7	U1
3(b)	Write a short note on challenges faced by women in India.	7	U1
4(a)	Briefly explain Rig-Veda, Yajur-Veda, Sama-Veda and Atharva-Veda.	7	U2
4(b)	Discuss the Northern Indian Languages & Literature.	7	U2
5(a)	Describe the six systems of ancient Indian philosophy.	7	U3
5(b)	Explain the basic principles of Jainism religion.	7	U3
6(a)	Discuss the Agriculture system in ancient India.	7	U4
6(b)	Write short notes on (i) Mathematics in India (ii) Water management in India	7	U4
7(a)	Describe the major Fairs and Festivals of India.	7	U5
7(b)	What are the different types of architecture found in India? Describe them in brief.	7	U5

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