

**Gandhi Institute of Engineering and Technology University, Odisha, Gunupur
(GIET University)**



B.C.A. (First Semester - Regular) Examinations, January – 2026
BCA251005 – Indian Knowledge System

Time: 2 hrs

Maximum: 60 Marks

(The figures in the right hand margin indicate marks)

PART – A**(2 x 5 = 10 Marks)**Q.1. Answer *ALL* questions

	CO #	Blooms Level
a. What do you mean by the term <i>Indian Knowledge System (IKS)</i> ?	CO1	K1
b. What are <i>IKS-based approaches</i> to knowledge paradigms?	CO1	K1
c. Who was <i>Aryabhata</i> and what was his contribution to Indian knowledge?	CO1	K1
d. What is the role of local wisdom in tribal communities?	CO1	K1
e. What is the Traditional Knowledge Digital Library (TKDL)?	CO1	K1

PART – B**(10 x5=50 Marks)**Answer *ALL* questions

	Marks	CO #	Blooms Level
2. a. Examine how local wisdom practiced by tribal communities that supports sustainable living in India.	5	CO1	K2
b. Discuss the cultural erosion of the Indian tribal? (OR)	5	CO1	K2
c. Discuss the techniques for recording and conserving Indian Knowledge Systems for future generations.	5	CO1	K2
d. Examine how indigenous systems promote conservation of nature and bio-resources.	5	CO1	K2
3.a. Evaluate the achievements of Aryabhata and Bhaskaracharya in Mathematics and Astronomy	5	CO1	K3
b. Examine Manu & Kanad's contribution to Indian philosophy and literature (OR)	5	CO1	K2
c. Assess the geophysical spread of tribal communities in India.	5	CO1	K3
d. Discuss the socio-cultural relationship between tribal communities and Traditional Knowledge Systems, highlighting the role of culture in knowledge transmission.	5	CO1	K2
4.a. Explain the terms-Jnan, Vignan, jeevan, Darshan.	5	CO1	K2
b. Explain the evolution of IKS to modern India. (OR)	5	CO1	K2
c. Discuss the distinctive traditional practices found within Indian Knowledge Systems.	5	CO1	K2
d. Illustrate applied traditional knowledge through relevant examples.	5	CO1	K3
5.a. Analyse the key areas of Indian knowledge system	5	CO1	K2

b. Discuss the role of ancient Medicine and Yoga for the wellness of Morden man.	5	CO1	K3
(OR)			
c. Explain the importance and methods of safeguarding and managing Indian Knowledge Systems.	5	CO1	K2
d. Evaluate and explain Guru Sishya Parampara in Vedic age.	5	CO1	K3
6.a. explain Indian Knowledge System (IKS) as unit of knowledge and spirituality.	5	CO1	K2
b. Describe the scope and relevance of IKS	5	CO1	K2
(OR)			
c. Discuss the role of spirituality for the development of body and mind.	5	CO1	K2
d. Describe traditional knowledge related to forest resources.	5	CO1	K2

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