

Enroll No

K.E.Society's
Rajarambapu Institute of Technology, Rajaramnagar
(An Empowered Autonomous Institute, Affiliated to SUK)
End Semester Examination 2025-26-I (Jan. 2026)
F.Y.B.C.A. I

Q.P.Code
E 1554

Course Code: BC133

Course Name: Indian Knowledge System

Day & Date: Wednesday 21/01/2026

Time : 10:30 To 1:30

Max Marks: 100

- Instructions:**
- 1) All questions are compulsory.
 - 2) Figures in rounded() brackets within the question, indicate the scheme of marking for respective part of the question, whereas, figures in the first right column indicate total marks for that whole question.
 - 3) CO is the index number of the Course Outcome statement.
 - 4) The Bloom's taxonomy level (BL) for 1,2,3,4,5 and 6 is remember, understand, apply, analyze, evaluate and create respectively.
 - 5) Assume suitable data if necessary.
 - 6) Use of non-programmable calculators is allowed

	Marks	COs	BT Level
Q.1 Attempt both parts (a) and (b) of Question	15		
(a) Explain how the teachings of Niti Sastras are useful in today's society (3)and examine their strengths(2) and limitations.(2)	7	CO1	BL4
OR			
(a) Describe the moral and social values taught in the Ramayana(4) and assess their importance as an Itihasa.(3)	7	CO1	BL5
(b) Describe Paṇini's Aṣṭadhyayi as a set of rules for Sanskrit grammar and explain its importance in computation.	8	CO2	BL2
Q.2 Attempt both parts (a) and (b) of Question	15		
(a) Explain why the concept of zero is important in the history of mathematics and science.	7	CO3	BL2
OR			
(a) Explain the number system and units of measurement used in ancient India.	7	CO3	BL2
(b) Describe how Buddhist and Jain philosophies influenced Indian ideas about reality and ethics.	8	CO1	BL4
Q.3 Attempt both parts (a) and (b) of Question	15		
(a) Evaluate the relevance of Vastu Sastra principles in modern architectural practices	7	CO3	BL5
(b) Examine the significance of the astronomical instruments (Yantras) at Jantar Mantar in the study of astronomy.	8	CO3	BL4



OR

(b)	Evaluate the scientific contributions of Indian astronomy, with reference to the Siddhantic tradition.	8	CO3	BL5
Q.4	Attempt both parts (a) and (b) of Question	15		
(a)	Analyze the structure (4)and significance of the Indian calendar system (Pancanga)(3)	7	CO3	BL4
(b)	Examine the evolution of Indian temple architecture, (4) highlighting regional variations.(4)	8	CO4	BL4
OR				
(b)	Assess the effectiveness of ancient Indian town planning principles in ensuring sustainability and harmony with nature.	8	CO4	BL5
Q.5	Solve the following questions	20		
(a)	Describe the Yoga way of life (4)and its role in holistic health and wellbeing.(3)	7	CO4	BL2
(b)	Examine the Ayurvedic view of food, sleep, and water as foundations of wellbeing.	8	CO4	BL4
(c)	Explain the Indian approach to psychology	5	CO4	BL2
Q.6	Solve the following questions (each carry 5 marks)	20		
(a)	What are Vedangas? Explain any two Vedangas.	5	CO1	BL2
(b)	What are large numbers in ancient Indian mathematics? Give examples.	5	CO3	BL2
(c)	Explain the contribution of Indian Mathematics to world civilization.	5	CO3	BL4
(d)	What is a Garbha-gr̥ha? State its importance.	5	CO4	BL2

