

# Satyug Darshan Institute of Engineering & Technology, Faridabad

Department of computer science and engineering

Academic year 2025-26

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| Programme: BCA ( GEN & DS)           | Year & Semester:-1st Year and 1st sem |
| Course Name: Indian knowledge system | Course Code: VAC-104-V                |
| Prepared by: Vineeta Choudhary       |                                       |

## Unit I

### Short answer questions

| Q.No. | Question                                                                                                 | KL |
|-------|----------------------------------------------------------------------------------------------------------|----|
| 1     | Mention two key contribution of ancient india to arithmetic and geometry.                                | 4  |
| 2     | Give the major streams of knowledge in ancient India.                                                    | 2  |
| 3     | Shushruta contribute in knowledge system in which way and also gives a brief introduction for shushruta. | 2  |
| 4     | Explain the word Ayurveda.                                                                               | 2  |
| 5     | Underline the contribution of Vahamihir.                                                                 | 3  |

### Long answer questions

| Q.N. | Question                                                                                | KL |
|------|-----------------------------------------------------------------------------------------|----|
| 1    | Propose a modern lifestyle plan based on Dinacharya (daily routine) from Ayurveda.      | 3  |
| 2    | Draft a syllabus module that integrates Vedic Mathematics into standard school algebra. | 4  |
| 3    | Formulate a community project using IKS for "Zero Hunger" (SDG 2).                      | 5  |
| 4    | Develop a dialogue between an ancient Indian philosopher and a modern environmentalist. | 3  |
| 5    | Design a sustainable urban housing model using Vastu Shastra principles.                | 4  |

## Unit II

### Short answer questions

| Q.N. | Question                                                              | KL |
|------|-----------------------------------------------------------------------|----|
| 1    | Explain the word Ashtanga Yoga.                                       | 2  |
| 2    | Elaborate the theory of emotions in terms of indian knowledge system. | 3  |
| 3    | Give few words for Panini's contribution to linguistics.              | 2  |
| 4    | Explain Vakyashahstra in brief.                                       | 2  |
| 5    | Underline the importance of Rasa Sidhanta in IKS.                     | 3  |

### Long answer questions

| Q.N. | Question                                                                                                   | KL |
|------|------------------------------------------------------------------------------------------------------------|----|
| 1    | Describe the major philosophical systems of india and analyze the fundamental principles embedded in them. | 3  |
| 2    | Briefly analyze the Panini's contribution to linguistics and its influence on grammar.                     | 2  |
| 3    | Develop a dialogue between an ancient Indian philosopher and a modern environmentalist.                    | 4  |
| 4    | Design a sustainable urban housing model using Vastu Shastra principles.                                   | 4  |

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|   |                                              |   |
|---|----------------------------------------------|---|
| 5 | Elobarate on RASA sidhanta of Natyashashtra. | 2 |
|---|----------------------------------------------|---|

## Unit III

### Short answer questions

| Q.No. | Question                                                                                                 | KL |
|-------|----------------------------------------------------------------------------------------------------------|----|
| 1     | Who was Vishnu gupta and what was his contribution.                                                      | 1  |
| 2     | Give the major streams of knowledge in ancient India.                                                    | 2  |
| 3     | Shushruta contribute in knowledge system in which way and also gives a brief introduction for shushruta. | 3  |
| 4     | Highlight the contribution of Vedic system of arithmetic computation.                                    | 4  |
| 5     | Underline the contribution of anyone of Indian Mathematician.                                            | 3  |

### Long answer questions

| Q.N. | Question                                                                          | KL |
|------|-----------------------------------------------------------------------------------|----|
| 1    | Compare Allopathy and Ayurveda in terms of Diagnostics and treatment.             | 3  |
| 2    | Explain the concept of eight limbs of Ashtanga yoga.                              | 2  |
| 3    | Discuss the Psychological and spiritual significance of eight limbs.              | 3  |
| 4    | Highlight the importance of Yoga in life and also give names of few yega methods. | 4  |
| 5    | Enlist the types of Yoga focussed by Patanjali.                                   | 4  |
| 6    | Describe the classification and importance of Yoga with the help of IKS.          | 4  |

## Unit IV

### Short answer questions

| Q.No. | Question                                                           | KL |
|-------|--------------------------------------------------------------------|----|
| 1     | Mention the importance of Ayurveda and how it is related to Vedas. | 3  |
| 2     | Describe the contribution of Patanjali in Ayurveda.                | 4  |
| 3     | Enlist any five methods of Yoga.                                   | 2  |
| 4     | Highlight the Agashtya and kanad in Yoda.                          | 4  |
| 5     | Give few importance of Yoga in daily life.                         | 2  |

### Long answer questions

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| Q.N. | Question                                                                          | KL |
|------|-----------------------------------------------------------------------------------|----|
| 1    | Compare Allopathy and Ayurveda in terms of Diagnostics and treatment.             | 3  |
| 2    | Explain the concept of eight limbs of Ashtanga yoga.                              | 2  |
| 3    | Discuss the Psychological and spiritual significance of eight limbs.              | 4  |
| 4    | Highlight the importance of Yoga in life and also give names of few yega methods. | 4  |
| 5    | Enlist the types of Yoga focussed by Patanjali.                                   | 3  |
| 6    | Describe the classification and importance of Yoga with the help of IKS.          | 2  |

## Unit V

### Short answer questions

| Q.No. | Question                                                                                                 | KL |
|-------|----------------------------------------------------------------------------------------------------------|----|
| 1     | Mention two key contribution of ancient india to arithmetic and geometry.                                | 3  |
| 2     | Give the major streams of knowledge in ancient India.                                                    | 2  |
| 3     | Shushruta contribute in knowledge system in which way and also gives a brief introduction for shushruta. | 3  |
| 4     | Enlist the methods of measurement system in Vashtushashtra.                                              | 4  |
| 5     | Underline the contribution of Vahamihir.                                                                 | 3  |

### Long answer questions

| Q.N. | Question                                                                          | KL |
|------|-----------------------------------------------------------------------------------|----|
| 1    | Compare Allopathy and Ayurveda in terms of Diagnostics and treatment.             | 3  |
| 2    | Explain the concept of eight limbs of Ashtanga yoga.                              | 2  |
| 3    | Discuss the Psychological and spiritual significance of eight limbs.              | 3  |
| 4    | Highlight the importance of Yoga in life and also give names of few yega methods. | 4  |
| 5    | Enlist the types of Yoga focussed by Patanjali.                                   | 3  |
| 6    | Describe the classification and importance of Yoga with the help of IKS.          | 4  |