

**End Semester Examinations, Session-2025-26 (I<sup>st</sup> Semester)**

Programme : B.Sc. (CS)

Semester : I

Course Code : 4.5 ODLCS01

Maximum Marks : 70

Course Title : Foundation of Computer Science

Time Allowed : 3 Hours

Course Credit : 4

Total Printed Pages : 2

**Instructions to Candidates: (If required)**

1.

| Q.No. |                                                                                                                                                                                      | Marks |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1.    | What is the difference between primary and secondary storage? Discuss with suitable examples.                                                                                        | [10]  |
|       | OR                                                                                                                                                                                   |       |
|       | What is a computer generation? List the key characteristics and shortcomings of 3rd generation computers.                                                                            | [10]  |
| 2.    | Write the rules for additive method of subtraction. Perform the following subtractions using the additive method-<br>i. $(10110101)_2 - (10000101)_2$<br>ii. $(36)_{16} - (20)_{16}$ | [10]  |
|       | OR                                                                                                                                                                                   |       |
|       | Perform the following conversion-<br>i. $(37)_{10} = (?)_8$<br>ii. $(42)_8 = (?)_{10}$<br>iii. $(255)_{10} = (?)_{16}$<br>iv. $(1011011)_2 = (?)_8$                                  | [10]  |
| 3.    | What is gray code? Generate gray code for 4 bit number. If there are a total of 257 characters, how many minimum bits will be required to represent each character uniquely?         | [10]  |
|       | OR                                                                                                                                                                                   |       |
|       | What is the Von Neumann architecture? Discuss the various components of Von Neumann architecture.                                                                                    | [10]  |
| 4.    | What do you mean by an Algorithm? Discuss. Write an algorithm to compute the average of 10 numbers.                                                                                  | [10]  |
|       | OR                                                                                                                                                                                   |       |
|       | Differentiate between low-level and high-level programming languages with examples.                                                                                                  | [10]  |

|    |  |                                                                                                                                          |      |
|----|--|------------------------------------------------------------------------------------------------------------------------------------------|------|
|    |  |                                                                                                                                          |      |
| 5. |  | What is cybercrime? Compare and contrast different types of cyberattacks. Discuss the different types of hacking with suitable examples. | [10] |
|    |  | <b>OR</b>                                                                                                                                |      |
|    |  | What is phishing? How can you protect yourself from phishing attacks? Discuss various types of malwares with suitable examples.          | [10] |
|    |  |                                                                                                                                          |      |
| 6. |  | What is the primary agency in India responsible for investigating cybercrime? Explain the importance of reporting cybercrimes promptly.  | [10] |
|    |  | <b>OR</b>                                                                                                                                |      |
|    |  | What is IT Act 2000? Explain the key provisions of the IT Act 2000 related to cybercrime.                                                | [10] |
|    |  |                                                                                                                                          |      |
| 7. |  | What is social media listening? How to make social media listening more effective. Discuss.                                              | [10] |
|    |  | <b>OR</b>                                                                                                                                |      |
|    |  | What is social media? Name the major social media platforms. Discuss the role of social media in crisis communication?                   | [10] |

CENTRAL UNIVERSITY OF RAJASTHAN  
CENTRE FOR DISTANCE & ONLINE EDUCATION  
Department of Economics

End Semester Examinations, Session June 2026 (Semester I)

Programme : B.Sc. (Computer Science)

Course Code : 4.5 ODLECO01

Course Title : **Microeconomics I**

Course Credit : 04

Semester : **I**

Maximum Marks : 70

Time Allowed : 3 Hrs

Total Printed Pages : 1

**Instructions to Candidates: (If required)**

1. Attempt one question from each question number.
2. Each question carries 10 marks.

| Q.No. |                                                                                                                                                                                                        | Marks |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1.    | Explain the concepts of static, dynamic, and comparative static equilibrium.                                                                                                                           | [10]  |
|       | <b>OR</b>                                                                                                                                                                                              |       |
|       | Differentiate between partial equilibrium and general equilibrium analysis.                                                                                                                            | [10]  |
| 2.    | Discuss consumer equilibrium under the indifference curve approach.                                                                                                                                    | [10]  |
|       | <b>OR</b>                                                                                                                                                                                              |       |
|       | Analyze the income effect and substitution effect of a price change.                                                                                                                                   | [10]  |
| 3.    | State and explain the law of demand. What are its exceptions?                                                                                                                                          | [10]  |
|       | <b>OR</b>                                                                                                                                                                                              |       |
|       | Explain the determination of market equilibrium through demand and supply.                                                                                                                             | [10]  |
| 4.    | State and explain the Law of Variable Proportions.                                                                                                                                                     | [10]  |
|       | <b>OR</b>                                                                                                                                                                                              |       |
|       | Discuss the managerial implications of Total Product, Average Product, and Marginal Product analysis.                                                                                                  | [10]  |
| 5.    | Explain producer's equilibrium using isoquant and isocost analysis.                                                                                                                                    | [10]  |
|       | <b>OR</b>                                                                                                                                                                                              |       |
|       | Define returns to scale and distinguish it from the Law of Variable Proportions. Explain the different types of returns to scale with suitable examples and discuss their implications for production. | [10]  |
| 6.    | What is the planning curve? Explain in detail how the long-run average cost (LAC) curve is derived from the short-run average cost (SAC) curves.                                                       | [10]  |
|       | <b>OR</b>                                                                                                                                                                                              |       |
| 6.i.  | Write notes on Economies and diseconomies of scale.                                                                                                                                                    | [5]   |
| 6.ii. | Explain the relationship between ATC and AVC.                                                                                                                                                          | [5]   |
| 7.    | Explain Samuelson's Revealed Preference Theory of consumer behaviour.                                                                                                                                  | [10]  |
|       | <b>OR</b>                                                                                                                                                                                              |       |
|       | Explain the Marshallian concept of Consumer Surplus. Discuss the role of Consumer Surplus in welfare economics.                                                                                        | [10]  |

**CENTRAL UNIVERSITY OF RAJASTHAN**

CENTRE FOR DISTANCE & ONLINE EDUCATION

Department of \_\_ Computer Science \_\_

**End Semester Examinations, Session...2025-26.....(...First..... Semester)**

Programme : B.Sc. Computer Science

Course Code : 4.5ODLENG81

Course Title : Language and Communication Skills-I

Course Credit :02

Semester : I

Maximum Marks : 70

Time Allowed : 3 Hrs

Total Printed Pages : 02

**Instructions to Candidates: (If required)**

| Q.No. |                                                                                                                                        | Marks |
|-------|----------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1.    | Write an updated resume to seek a job. Mention all the points in your resume in proper format.                                         | [10]  |
|       | <b>OR</b>                                                                                                                              |       |
|       | Write a job application for the post of lecturer in English.                                                                           | [10]  |
| 2.    | Write a formal letter to the Editor about the noise pollution in your area.                                                            | [10]  |
|       | <b>OR</b>                                                                                                                              |       |
|       | Write a formal letter to the Principal suggesting ways of improving college campus.                                                    | [10]  |
| 3.    | Write a informal letter to younger brother telling him how he should prepare for the forthcoming school examination.                   | [10]  |
|       | <b>OR</b>                                                                                                                              |       |
|       | Write a informal letter to your friend sharing with him/her your experiences in CURaj.                                                 | [10]  |
| 4.    | Explain types and subtypes of the Tense with examples.                                                                                 | [10]  |
|       | <b>OR</b>                                                                                                                              |       |
|       | Write an essay in (250 words) on the topic – ‘Written Communication’                                                                   | [10]  |
| 5.    | What is Article? Explain the uses of Definite and Indefinite Articles with example.                                                    | [10]  |
|       | <b>OR</b>                                                                                                                              |       |
|       | Write a set of presentation notes (250 words) on your opinion on the topic – The use of popular media in English Language Acquisition. | [10]  |
| 6.    | What are Modals? Discuss in detail with examples.                                                                                      | [10]  |
|       | <b>OR</b>                                                                                                                              |       |
|       | Write an essay in (250 words) on the topic ‘Oral Communication’.                                                                       | [10]  |
| 7.    | Explain the importance of Communication Skills in English language.                                                                    | [10]  |
|       | <b>OR</b>                                                                                                                              |       |
|       | Discuss the types of Conditional clauses in detail.                                                                                    | [10]  |

**General Instructions: All questions are compulsory. All symbols have their usual meaning.**

1. Which of the following is tautology? Justify.

(a)  $[P \wedge (Q \vee R)] \Leftrightarrow [(P \wedge Q) \vee (P \wedge R)]$

(b)  $[P \vee (Q \wedge R)] \Leftrightarrow [(P \vee Q) \wedge (P \vee R)]$

(10)

OR

Show that power set of a set is a Boolean algebra.

2. State and prove Schroder-Bernstein Theorem.

(10)

OR

State and prove division algorithm. Provide one application of it.

3. Show that modular relation  $\equiv$  is an equivalence relation on  $\mathbb{Z}$ . Find the equivalence classes under this relation.

(10)

OR

Show that  $\mathbb{Z}_n$  is a group.

4. Find a necessary and sufficient condition when  $(\mathbb{Z}_n, +, \cdot)$  is a field. Justify.

(10)

OR

Using polynomial ring construct a field of order 9. What are fields of order 10?

5. Can the set of positive real numbers with multiplication form a vector space over reals.

(10)

OR

Which of the following is a vector space (under any external product)? Justify

(a)  $(\mathbb{Z}_4, +)$  over  $\mathbb{Z}_2$  (b)  $(\mathbb{Q}, +)$  over  $\mathbb{R}$ .

6. What are matrices of composition of linear transformations? Justify.

(10)

OR

Classify all the subspaces of  $\mathbb{R}^3$ . Justify.

7. State and prove a necessary and sufficient condition to have a solution for a system of linear equations.

(10)

OR

What is dimension of vector space  $\mathbb{R}$  over  $\mathbb{Q}$ ? Justify.

CENTRAL UNIVERSITY OF RAJASTHAN  
CENTRE FOR DISTANCE & ONLINE EDUCATION  
Department of Economics

End Semester Examinations, Session June 2026 (Semester I)

Programme : B.Sc. (Computer Science)  
Course Code : 4.5 ODLECO99  
Course Title : Indian Knowledge Systems  
Course Credit : 04

Semester : I  
Maximum Marks : 70  
Time Allowed : 3 Hrs  
Total Printed Pages : 1

*Instructions to Candidates: (If required)*

1. Attempt one question from each question number.
2. Each question carries 10 marks.

| Q.No. |                                                                                                                      | Marks |
|-------|----------------------------------------------------------------------------------------------------------------------|-------|
| 1.    | Define Indian Knowledge Systems (IKS). Discuss its concept, scope, and significance in ancient and modern India.     | [10]  |
|       | OR                                                                                                                   |       |
|       | Explain the major knowledge paradigms of IKS and their contemporary relevance.                                       | [10]  |
| 2.    | Discuss the contributions of Maharishi Vyas, Manu, Kanad, and Panini to Indian philosophy and literature.            | [10]  |
|       | OR                                                                                                                   |       |
|       | Evaluate the contributions of Aryabhata, Brahmagupta, Varahamihira, and Bhaskaracharya to mathematics and astronomy. | [10]  |
| 3.    | Explain the role of Charak, Susruta, Patanjali, and Dhanwantri in medicine and yoga.                                 | [10]  |
|       | OR                                                                                                                   |       |
|       | Discuss the significance of Vedas, Upavedas, Puranas, and Upanishads in Indian knowledge traditions.                 | [10]  |
| 4.    | Describe the major schools of Shad Darshan and their philosophical importance.                                       | [10]  |
|       | OR                                                                                                                   |       |
|       | Explain the relevance of Nyaya, Vyakarana, Krishi, Vastu, Natya, and Sangeet Shastras.                               | [10]  |
| 5.    | Discuss traditional communities in India with reference to resources, vulnerability and livelihood practices.        | [10]  |
|       | OR                                                                                                                   |       |
|       | Examine the role of tangible and intangible cultural heritage in preserving traditional knowledge.                   | [10]  |
| 6.    | Explain the importance of myths, rituals, folk traditions, and belief systems in indigenous knowledge.               | [10]  |
|       | OR                                                                                                                   |       |
|       | Discuss traditional practices of agriculture, animal husbandry, and bio-resource conservation.                       | [10]  |
| 7.    | Discuss indigenous food preservation methods, handicrafts and fibre extraction practices.                            | [10]  |
|       | OR                                                                                                                   |       |
|       | Explain traditional healthcare systems such as Vaidya and Amchi, including knowledge of dyes and pigments.           | [10]  |



## Central University of Rajasthan

### Center for Distance and Online Education (CDOE)

Dear Learner,

Greetings from the CDOE!

As you are aware, every student enrolled in the ODL Programme is required to write and submit assignments for each course. These assignments form an important component of the continuous assessment and carry **30% weightage** of the overall grade for each course.

Please carefully note the following instructions:

#### General Instructions

1. Please remember to attach the designated cover page on every assignment you submit. The format of cover page is attached for your reference.
2. All sections of the assignment are compulsory in nature. All questions are to be attempted, except for those where options are provided.
3. Please write the answer mentioning the correct corresponding question number given in the assignment.
4. Please write on continuous pages and number each page.
5. All assignments should be handwritten. Typed or printed assignment will not be accepted.
6. it is strongly recommended to keep a copy (photocopy or scanned) of the assignment sent by you for your record.
7. **The last date for submitting assignments is 10.06.2026.** Submission of assignments is required to appear in the End Semester Examination.
8. Assignments can be deposited at CDOE, Curaj or sent through post to **Director, Centre for Distance and Online Education (CDOE), Room 102, Administration Building, Central University of Rajasthan, Bandarsindari, District: Ajmer – 305817, Rajasthan.**

Director

Centre for Distance and Online Education (ODL & OP)



# राजस्थान केन्द्रीय विश्वविद्यालय Central University of Rajasthan

## Assignment

### Open and Distance Learning Programme

Learner's Name : .....  
Enrollment Number : .....  
Academic year and Session : .....  
Programme Name and Code : .....  
Course Code : .....  
Course Title : .....  
.....

Learner's Signature

**Centre for Distance and Online Education (CDOE)**

Room 102, Administration Building, Central University of Rajasthan

N.H. 8, Bandarsindari, District: Ajmer – 305817, Rajasthan

Website: [www.curaj.ac.in](http://www.curaj.ac.in) | Email: [cdoe@curaj.ac.in](mailto:cdoe@curaj.ac.in) | Phone : 01463 257 556

# **Central University of Rajasthan**

## **Centre for Distance and Online Education**

### **Open and Distance Learning Programme**

#### **Assignment**

**Programme Name: B.Sc (Computer Science)**

**Programme Code: ODLBSCS**

**First Semester**

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#### **Instructions:**

1. In the B.Sc (Computer Science) programme, two assignments have been planned for the continuous evaluation of the learner in each course.
2. The learner can appear in the term-end examination of the concerned course only after completing both assignments and submitting them within the stipulated time period.
3. Each assignment carries 15 marks. Thus, a total of 30 marks are allocated for assignments for each course.
4. The assignments must be written in the learner's own handwriting. Typed or printed assignments will not be accepted.
5. The learner should complete the sessional assignments within the stipulated time and send them by post or submit them in person at the following address:

#### **Address for Submission of Sessional Assignments:**

**Director, Centre for Distance and Online Education (CDOE), Room - 102,  
Administration Building, Central University of Rajasthan, Bandarsindari, Jaipur –  
Ajmer highway, District - Ajmer – 305817, Rajasthan.**

**Title of the Course: Foundation of Computer Science**

**Course Code: 4.5 ODL CSC01**

**Assignment: 01**

**Maximum Marks: 15**

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**Short Answer type Questions:** (attempt all Questions)

**(Word Limit: 60 - 80)**

**Q. 01** Define Primary Memory. [1]

**Q. 02** Define Cache Memory. [1]

**Q. 03** What is a Compiler? [1]

**Q. 04** Name the four key components of the Von Neumann Architecture. [1]

**Q. 05** What is Assembly Language? To which generation of languages does it belong? [1]

**Long Answer type Questions:** (attempt all Questions)

**(Word Limit: 300 - 400)**

**Q. 01** Explain the Von Neumann Architecture and describe its main components with a diagram. [5]

**Q. 02** Differentiate between Primary Memory and Secondary Storage with suitable examples and uses. [5]

**Assignment: 02**

**Maximum Marks: 15**

---

**Short Answer type Questions:** (attempt all Questions)

**(Word Limit: 60 - 80)**

**Q. 01** Convert decimal  $(15)_{10}$  to binary. [1]

**Q. 02** Explain the purpose of 2's complement. [1]

**Q. 03** Define the term 'Digital Footprint'. [1]

**Q. 04** What is flagging content on social media ? [1]

**Q. 05** What is the purpose of the diamond-shaped symbol in a flowchart? [1]

**Long Answer type Questions:** (attempt all Questions)

**(Word Limit: 300 - 400)**

**Q. 01** Explain various data access methods: Random, Direct, and Sequential, with real-life examples. [5]

**Q. 02** Discuss the octal and hexadecimal number systems and explain their advantages over the binary system. [5]

**Title of the Course: Microeconomics - I**  
**Course Code: 4.5 ODLECO01**  
**Assignment: 01**

**Maximum Marks: 15**

**Section A: Multiple Choice Questions**

**(5 × 1 = 5 marks)**

**Choose the correct answer:**

1. Utility can be measured in:  
a) Utils                      b) Rupees                      c) Dollars                      d) None
2. Giffen goods violate:  
a) Law of supply              b) Law of demand              c) Law of returns              d) Law of cost
3. Supply curve generally slopes:  
a) Downward                  b) Upward                      c) Horizontal                  d) Vertical
4. Isoquants represent:  
a) Equal cost                  b) Equal output                  c) Equal profit                  d) Equal price
5. Average cost is:  
a)  $TC/Q$                       b)  $TC \times Q$                       c)  $TC - Q$                       d)  $TC + Q$

**Section B: Short Answer type Questions:(attempt all Questions) (Word Limit: 100 - 150)**

- Q. 01** Distinguish between microeconomics and macroeconomics. [2]
- Q. 02** Explain positive and normative economics. [2]
- Q. 03** What is an indifference curve? [2]
- Q. 04** Define consumer equilibrium. [2]
- Q. 05** What is the average cost? [2]

**Assignment: 02**

**Maximum Marks: 15**

**Long Answer type Questions:(attempt all Questions)**

**(Word Limit:300 - 400)**

- Q. 01** Discuss the indifference curve approach and its assumptions and properties. [5]
- Q. 02** Explain the law of demand and factors affecting demand with a diagram. [5]
- Q. 03** Discuss production function and the law of variable proportions. Explain isoquants and returns to scale in detail. [5]

**Title of the Course: Mathematics-I for Computer Science and Statistics**

**Course Code: 4.5 ODLMAT86**

**Assignment: 01**

**Maximum Marks: 15**

**Short Answer type Questions:** (attempt all Questions)

**(Word Limit: 60 - 80)**

**Q. 01** Define tautology. [2]

**Q. 02** Define equivalence relation. [2]

**Q. 03** Determine whether the proposition  
 $(p \vee q) \wedge (\neg p \vee r)$   
is a tautology or not. [2]

**Q. 04** Find the truth value of  $p \rightarrow (q \leftrightarrow \neg p)$  [2]  
when  $p=T, q=F$

**Q. 05** Find the remainder when  $7^{100}$  is divided by 5. [2]

**Long Answer type Questions:** (attempt all Questions)

**(Word Limit: 300 - 400)**

**Q. 01** Construct a truth table for the logical expression: [5]

$$(p \rightarrow q) \leftrightarrow (\neg q \rightarrow \neg p)$$

Determine whether it is a tautology, contradiction, or contingency.

**Assignment: 02**

**Maximum Marks: 15**

**Short Answer type Questions:** (attempt all Questions)

**(Word Limit: 60 - 80)**

**Q. 01** What is the rank of a matrix? [2]

**Q. 02** Define linear transformation. [2]

**Q. 03** Simplify using Boolean algebra:  $(A \cap B) \cup (A \cap B^c)$ . [2]

**Q. 04** Verify De Morgan's Law for sets:  $(A \cup B)^c = A^c \cap B^c$  [2]

**Q. 05** Compute rank of matrix: [2]

$$\begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 6 \\ 1 & 1 & 1 \end{bmatrix}$$

**Long Answer type Questions:**

**(Word Limit: 300 - 400 )**

**Q. 01** Explain rank-nullity theorem. [5]

**Title of the Course: Programming in 'C'**

**Course Code: 4.5 ODL CSC02**

**Assignment: 01**

**Maximum Marks: 15**

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**Short Answer type Questions:**

**(Word Limit: 60 - 80)**

- Q. 01** Define the term **identifier** in the context of C programming. [1]
- Q. 02** What are storage classes in C? Name them. [1]
- Q. 03** What is the use of file handling in C ? [1]
- Q. 04** Define **recursion** and state one condition necessary for its implementation. [1]
- Q. 05** What is a **switch statement**, and how does it differ from an if-else ladder? [1]

**Long Answer type Questions:**

**(Word Limit: 300 - 400 )**

- Q. 01** Explain control statements in C (if, switch, loops) with syntax and examples. [5]
- Q. 02** Discuss various operators in C (arithmetic, logical, relational, bitwise, assignment) with examples. [5]

**Assignment: 02**

**Maximum Marks: 15**

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**Short Answer type Questions:**

- Q. 01** Write a C program to find the quotient and remainder when an integer is divided by another integer. [2]
- Q. 02** What is the need for language translators? Differentiate between the Compiler and Interpreter. [2]
- Q. 03** Write a C program to find maximum among 3 numbers entered through keyboard using nested if-else. [2]
- Q. 04** Differentiate between while and do-while loop. [2]
- Q. 05** Write a C program to find Factorial using recursion. [2]

**Long Answer type Questions:**

- Q. 01** What is a Pointer? Explain how the pointer variables are declared and initialized. Differentiate between pointer and pointer to pointer variables using suitable examples. [5]

**OR**

Show the process of Bubble sort by taking an example. Write a C program to sort elements in an array using the bubble sort technique.

**Title of the Course: Language and Communication Skills**

**Course Code: 4.5 ODLENG81**

**Assignment: 01**

**Maximum Marks: 15**

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**Long Answer type Questions:** (attempt any 3)

**(Word Limit: 300 - 400)**

**[5\*3 = 15]**

**Q. 01** Write a resume for an entry level position of your choice

**Q. 02** Discuss the types of Conditional Clauses in detail.

**Q. 03** Explain types and subtypes of tense

**Q. 04** Write an essay on the topic 'Oral Communication'.

**Q. 05** Write a formal letter to your teacher requesting information about your attendance.

**Assignment: 02**

**Maximum Marks: 15**

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**Long Answer type Questions:** (attempt any 3)

**(Word Limit: 300 - 400)**

**[5\*3 = 15]**

**Q. 01** Write a job application to the principal for the post of teacher.

**Q. 02** Write an informal letter to your uncle describing your life at the hostel.

**Q. 03** Write an essay on the topic 'Written Communication'.

**Q. 04** Discuss uses of Definite and Indefinite Article.

**Q. 05** What are Modals? Explain in detail.

**Title of the Course: Indian Knowledge System**

**Course Code: 4.5 ODLECO99**

**Assignment: 01**

**Maximum Marks: 15**

**Multiple Choice Questions (MCQs)**

**(5\*1= 5marks)**

**Choose the correct answer:**

1. Indian Knowledge Systems (IKS) primarily focus on:  
a) Modern Western science      b) Traditional and indigenous knowledge of India  
c) Industrial development      d) Political systems
2. Who is known for contributions to grammar in ancient India?  
a) Aryabhata      b) Panini      c) Charak      d) Varahamihira
3. The concept of “Shad Darshan” refers to:  
a) Six seasons      b) Six philosophies      c) Six rituals      d) Six sciences
4. Nyaya philosophy deals with:  
a) Ethics      b) Logic and reasoning      c) Meditation      d) Rituals
5. Which text is associated with ancient Indian astronomy?  
a) Arthashastra      b) Aryabhatiya      c) Ramayana      d) Manusmriti

**Short Answer type Questions (Attempt any 5 )**

**(Word Limit: 100 - 150)**

1. Explain the concept of Upaveda. [2]
2. What are the key features of Ayurveda? [2]
3. Describe the importance of sacred groves. [2]
4. What is the role of folklore in indigenous knowledge? [2]
5. Write a note on traditional agricultural practices in India. [2]
6. Explain the concept of Yoga in Indian philosophy. [2]
7. What are the socio-cultural linkages in traditional communities? [2]

**Assignment: 02**

**Maximum Marks: 15**

**Long Answer type Questions: (Attempt any 3)**

**(Word Limit: 300 - 400)**

- Q. 01** Explain the concept, scope, and significance of Indian Knowledge Systems in detail. [5]
- Q. 02** Discuss the contributions of ancient Indian scholars in mathematics and astronomy. [5]
- Q. 03** Analyze the role of traditional knowledge in biodiversity conservation and environmental sustainability. [5]
- Q. 04** Explain the importance of traditional livelihood practices and their relevance in modern society. [5]