



आधिकारिक पाठ्यक्रम 2025-26

OFFICIAL SYLLABUS 2025-26

भारतीय ज्ञान प्रणाली / Indian Knowledge System

कोड: I-5094

कक्षा बारवी/ Class-12th

विषय का नाम Subject Name	कोड / Code	अवधि अंक Duration/Marks	परीक्षा चक्र Exam Cycle
Indian Knowledge System (भारतीय ज्ञान प्रणाली)	I-5094	3 घंटे /100 अंक 3 Hrs / 100 Marks	(On-Demand) April And October
विषय सूची / Table of Contents			
क्र.सं. Sr.No.	विषय / Topic		विवरण / Details
भाग-1: मूल जानकारी Part-1 Basic Information			
1.1	सीखने के उद्देश्य Learning Objectives		एनईपी 2020 के अनुरूप NEP 2020 Aligned
1.2	करियर के अवसर Coding Career Opportunities		सॉफ्टवेयर डेवलपमेंट Software Development
भाग-2: सिद्धांत पाठ्यक्रम Part-2: Syllabus Details			
80 Marks			
2.1	प्राचीन भारतीय विज्ञान और गणित Ancient Indian Sciences & Mathematics		14 Marks
2.2	भारतीय दर्शन और नैतिक प्रणालियाँ Indian Philosophy & Ethical Systems		14 Marks
2.3	पारंपरिक भारतीय चिकित्सा और स्वास्थ्य Traditional Indian Medicine & Wellness		14 Marks

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2.4	भारतीय कला, साहित्य और सांस्कृतिक विरासत Indian Arts, Literature & Cultural Heritage	14 Marks
2.5	भारतीय ज्ञान का आधुनिक पुनरुद्धार एवं अनुप्रयोग Modern Revival & Application of Indian Knowledge	14 Marks
भाग-3: प्रायोगिक कार्य Part-3: Practical Work		20 Marks
3.1	सतत आकलन Periodic Assessment	05 Marks
3.2	बहुविध आकलन Multiple Assessment	05 Marks

1. LEARNING OBJECTIVES (NEP 2020)

The curriculum for Indian Knowledge System at the Senior Secondary level aims to ensure that students are able to

- **Cultural Roots:** Reconnect with and appreciate the depth of India's ancient scientific, philosophical, and artistic heritage.
- **Holistic Wellness:** Understand traditional systems of medicine like Ayurveda and Yoga for physical and mental well-being.
- **Ethical Foundations:** Imbibe values of Dharma, ethics, and sustainability from ancient texts for modern living.
- **Scientific Insight:** Explore contributions of ancient India in mathematics, astronomy, metallurgy, and architecture.
- **Modern Application:** Integrate traditional knowledge with contemporary practices to solve global challenges.
- **Heritage Preservation:** Develop skills to document, preserve, and promote indigenous knowledge systems.

2. COURSE STRUCTURE & MARKS DISTRIBUTION

Unit	Title	Marks
1	Ancient Indian Sciences & Mathematics	10
2	Indian Philosophy & Ethical Systems	10
3	Traditional Indian Medicine & Wellness	12
4	Indian Arts, Literature & Cultural Heritage	14
5	Modern Revival & Application of Indian Knowledge	14
Total Theory Marks		60
Practical Work		30
TMA		20
Grand Total		100

3. DETAILED THEORY SYLLABUS (60 MARKS)

इकाई 1: प्राचीन भारतीय विज्ञान एवं गणित	10 अंक
<ul style="list-style-type: none"> • वैदिक गणित और गणना पद्धतियाँ। • खगोल विज्ञान और आर्यभट्ट का योगदान। • प्राचीन भारत में धातु विज्ञान और पदार्थ विज्ञान। 	

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<ul style="list-style-type: none"> • वास्तुकला और अभियांत्रिकी (वास्तु शास्त्र)। • भारतीय संख्या प्रणाली और शून्य की अवधारणा 	
Unit 1: Ancient Indian Sciences & Mathematics	10 Marks
<ul style="list-style-type: none"> • Vedic mathematics and computational methods. • Astronomy and Aryabhata's contributions. • Metallurgy and material science in ancient India. • Architecture and engineering (Vastu Shastra). • Indian number system and zero concept. 	
इकाई 2: भारतीय दर्शन एवं नैतिक प्रणालियाँ	10 अंक
<ul style="list-style-type: none"> • भारतीय दर्शन के छह संप्रदाय (दर्शन)। • योग दर्शन और अभ्यास। • बौद्ध और जैन दार्शनिक परंपराएँ। • धर्म, कर्म और मोक्ष की अवधारणा। • भगवद्गीता और उपनिषदों में नैतिकता। 	
Unit 2: Indian Philosophy & Ethical Systems	10 Marks
<ul style="list-style-type: none"> • Six schools of Indian philosophy (Darshanas). • Yoga philosophy and practice. • Buddhist and Jain philosophical traditions. • Concept of Dharma, Karma, and Moksha. • Ethics in Bhagavad Gita and Upanishads. 	
इकाई 3: पारंपरिक भारतीय चिकित्सा और वेलनेस	12 अंक
<ul style="list-style-type: none"> • आयुर्वेद: सिद्धांत और पद्धतियाँ। • समग्र स्वास्थ्य के लिए योग और ध्यान। • सिद्ध और यूनानी चिकित्सा पद्धतियाँ। • पारंपरिक शल्य चिकित्सा (सुश्रुत संहिता)। • प्रकृति चिकित्सा और हर्बल औषधियाँ। 	
Unit 3: Traditional Indian Medicine & Wellness	12 Marks
<ul style="list-style-type: none"> • Ayurveda: principles and practices. • Yoga and meditation for holistic health. • Siddha and Unani medicine systems. • Traditional surgery (Sushruta Samhita). • Naturopathy and herbal medicine. 	
इकाई 4: भारतीय कला, साहित्य एवं सांस्कृतिक विरासत	14 अंक
<ul style="list-style-type: none"> • शास्त्रीय संगीत और नृत्य परंपराएँ। • संस्कृत साहित्य और महाकाव्य (रामायण, महाभारत)। • शास्त्रीय और लोक कला रूप। • मंदिर वास्तुकला और मूर्तिकला। • भारतीय भाषाएँ और भाषाई विविधता। 	
Unit 4: Indian Arts, Literature & Cultural Heritage	14 Marks
<ul style="list-style-type: none"> • Classical music and dance traditions. • Sanskrit literature and epics (Ramayana, Mahabharata). • Classical and folk art forms. • Temple architecture and sculpture. • Indian languages and linguistic diversity. 	
इकाई 5: भारतीय ज्ञान का आधुनिक पुनरुद्धार एवं अनुप्रयोग	14 अंक
<ul style="list-style-type: none"> • पारंपरिक और आधुनिक ज्ञान का एकीकरण। • वैश्विक संदर्भ में भारतीय ज्ञान। • स्वदेशी ज्ञान का संरक्षण। • भारतीय ज्ञान प्रणालियों में करियर के अवसर। • अनुसंधान और प्रलेखन के तरीके। 	
Unit 5: Modern Revival & Application of Indian Knowledge	14 Marks
<ul style="list-style-type: none"> • Integration of traditional and modern knowledge. • Indian knowledge in global context. • Preservation of indigenous knowledge. • Career opportunities in Indian knowledge systems. • Research and documentation methods. 	

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4. PRACTICAL WORK (20 MARKS)

Objectives: To provide students with hands-on experience in traditional practices, analysis of ancient texts, and documentation of cultural heritage.

Assessment Breakdown

Practical Examination	05 Marks
Practical File/Portfolio	05 Marks
Project Work	05 Marks
Viva Voce	05 Marks
Total	20 Marks

Practical Components & Requirements:

- **Software/Equipment Requirements:** Vedic mathematics tools and materials, Yoga mats and props, Ayurvedic herb samples, Musical instruments (basic), Art and craft materials, Sanskrit texts and translations, MS Office for documentation, Video recording equipment, Research databases access, Digital archives and libraries.
- **Practical File:** At least 15 activities covering Vedic mathematics calculations, Yoga asana practice, Ayurvedic herb identification, Classical art form demonstrations, Sanskrit language exercises, Philosophical text analysis, Traditional recipe preparation, Architectural model making, Musical instrument basics, Meditation sessions, Heritage site documentation, Traditional craft practice, Comparative study exercises, Cultural performance participation, Research methodology.
- **Project Work:** Vedic mathematics application study, Ayurvedic wellness program design, Sanskrit text translation project, Traditional art form documentation, Philosophical concept analysis, Heritage site survey, Ancient scientific discovery research, Yoga therapy program, Traditional music study, Cultural festival organization, Indigenous knowledge preservation project, Comparative philosophy study, Traditional technology analysis, Literary work analysis.

5. CAREER OPPORTUNITIES & SKILLS

Key Concepts & Skills

- **Core Concepts:** Ancient Sciences, Philosophy, Ayurveda, Vedic Math, Cultural Heritage, Language Studies.
- **Practical Skills:** Manuscript Reading, Yoga Instruction, Research Methodology, Traditional Arts, Heritage Management

Career Roles & Average Monthly Income

Role	Income Range (INR)
Sanskrit Scholar/Translator	₹25,000 - ₹90,000
Yoga Instructor/Therapist	₹20,000 - ₹1,00,000
Ayurvedic Practitioner	₹30,000 - ₹1,50,000
Heritage Consultant	₹28,000 - ₹1,20,000
Research Scholar (Indian Studies)	₹30,000 - ₹1,10,000
Museum Curator/Archivist	₹25,000 - ₹95,000
Cultural Program Manager	₹28,000 - ₹1,15,000
Traditional Arts Teacher	₹22,000 - ₹85,000

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6. STUDY MATERIAL & RESOURCES

Resource Type	Details
Prescribed Textbooks	1. Indian Knowledge System (Class XII) - CBSE/NCERT Publication
Self-Learning Material	CBSE SLM for Indian Knowledge System (Code 854)
Reference Books	<ul style="list-style-type: none">- Ancient Indian science texts- Philosophical treatises (Vedas, Upanishads)- Ayurvedic classics (Charaka Samhita, Sushruta Samhita)- Sanskrit literature anthologies- Books on Indian arts and architecture
Online Resources	<ul style="list-style-type: none">- National Mission for Manuscripts, Indian Institute of Advanced Study- Rashtriya Sanskrit Sansthan, IGNCA- Digital libraries, Sanskrit repositories, YouTube lectures on Indian philosophy
Software/Tools	<ul style="list-style-type: none">- Sanskrit learning apps, Yoga practice apps- Ayurveda databases, Digital manuscript archives- MS Office, Research tools

अंक विश्लेषण / Marks Analysis

Component	Details	Marks
Theory	Written Examination	80
TMA	Periodic Test + Multi Assessment + Enrichment + Portfolio	20
	total	100



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