

**SYLLABUS OUTLINE FOR M.SC. PHYSICS CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Evolution of quantum physics
- Schrodinger wave equation and its solutions
- H-atom atomic and molecular spectroscopy
- Bonding in Solids and crystal structure
- Crystallography and diffraction
- Semiconductors
- Super conductivity
- Electrical and magnetic properties of materials
- Quark Model and elementary particles
- Detectors and accelerators
- Nuclear reactors
- Transistors and Amplifiers
- Logic Gates
- Oscillators
- Maxwell equations (Differential and integral form)

There will be no negative marking.

The exam will be Multiple Choice Questions (MCQ) 50 (Section-A 25 Questions and Section-B 25 Questions)

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**

**SYLLABUS OUTLINE FOR M.SC. MATHEMATICS CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Statistics and Probability
- Abstract Algebra
- Complex Analysis
- Calculus
- Differential Equations
- Vector Calculus
- Analytical Geometry of Three Dimensions
- Statics and Dynamics
- Numerical Analysis
- Optimization Technique

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**

**SYLLABUS OUTLINE FOR M.SC. CHEMISTRY CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Atomic Structure
- Periodic Properties
- Covalent Bonding in Inorganic Compounds
- Ionic Bonding in Inorganic Compounds
- Chemistry of s,p,d and f -Block Elements
- Nomenclature, Structure, and Bonding in Coordination compounds
- General Organic Chemistry (GOC); Bond fission. Reaction intermediates, Various electronic effects (inductive, electrometric, resonance, hyper conjugation), nucleophiles and electrophiles, General Organic Reactions and their Mechanism)
- Stereochemistry of Organic Compounds
- Alkanes and Cycloalkanes
- Alkenes, Cycloalkenes, Dienes
- Arenes and Aromaticity
- Alkyl and Aryl Halides
- Gaseous States
- Liquid State
- Solid State
- Solution and Colligative Properties
- Chemical Kinetics
- Thermodynamics – I

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**SYLLABUS OUTLINE FOR M.SC. ZOOLOGY CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- **Cell Biology:** basic concept of cell, Prokaryotic and Eukaryotic Cells, Structure and Functions of plasma membrane and different cells organelles. Cell cycle: Mitotic and meiotic cell division.
- **Biochemistry:** Basic concepts of biochemistry, Chemical bonds, pH, buffers. Protein, Lipid and Carbohydrate metabolism. Enzymes, mechanism of action and factors affecting enzyme function.
- **Genetics:** Mendalian and non-mendalian genetics. Structure of DNA, RNA, Duplication of DNA and expression of gene.
- **Ecology:** Basic concepts of ecology, abiotic and biotic factors, limiting factor concept, Fresh water, marine water, grassland, forest and arid area ecosystems. Food web, food chain, Energy pyramids. Population ecology, Pollution, climate change and global warming.
- **Classification:** Five kingdom concept, Classification of animal's upto class level.
- **Physiology:** Anatomy and physiology of digestive, circulatory, excretory, respiratory, mukoskeletal, endocrine and nervous system. Homeostasis
- **Immunology:** Cells of immune system, innate and adaptive immune systems, humoral immunity, antibody structure and function. Autoimmune diseases

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**SYLLABUS OUTLINE FOR M.SC. BOTANY CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- **Cell Biology:** basic concept of cell, Prokaryotic and Eukaryotic Cells, Structure and Functions of plasma membrane and different cells organelles. Cell cycle: Mitotic and meiotic cell division.
- **Biochemistry:** Basic concepts of biochemistry, Chemical bonds, pH, buffers. Protein, Lipid and Carbohydrate metabolism. Enzymes, mechanism of action and factors affecting enzyme function.
- **Genetics:** Mendalian and non-mendalian genetics. Structure of DNA, RNA, Duplication of DNA and expression of gene.
- **Ecology:** Basic concepts of ecology, abiotic and biotic factors, limiting factor concept, Fresh water, marine water, grassland, forest and arid area ecosystems. Food web, food chain, Energy pyramids. Population ecology, Pollution, climate change and global warming.
- **Taxonomy:** System of Classification by Banthem and Hooker and Hutchison. Basic concept of plant groups: algae, Fungai, bryophytes, pteridophytes, gymnosperms and angiosperms.
- **Physiology:** Photosynthesis, Respiration, Growth regulators, Transpiration and mineral uptake.

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**SYLLABUS OUTLINE FOR MCA CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Organization of a Computer & CPU Architecture
- Memory Types
- Backup Devices
- Input/output Devices
- Binary & Hexadecimal Systems
- Boolean Algebra & Truth Tables
- Venn Diagrams
- Programming Concepts (variables, data types, control flow)
- Data Structures Overview (arrays, stacks, queues, linked lists)
- Algorithms Basics (sorting and searching, time complexity)
- Processor Organization & Control Unit
- Memory Hierarchy & Memory Management
- Operating System Fundamentals (processes, scheduling, memory)
- Database Concepts (tables, SQL queries, normalization)
- Computer Networks Fundamentals (OSI model, TCP/IP, protocols)
- Software Development Lifecycle & Software Engineering Basics
- Basic Computer Concepts
- Network Security Concepts
- Networking Concepts
- Outputs using C language

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**SYLLABUS OUTLINE FOR MBA CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Principles of management - management, classical and neo-classical theories, planning, organizing, staffing, directing and control, MBO.
- Human resource management - recruitment, selection, induction, training, performance appraisal, motivation and leadership.
- Marketing management - market segmentation, targeting, positioning, 4P's of marketing, advertisement.
- Financial management - ratio, fund flow statement, cash flow statement, capital budgeting, working capital management.
- Economics - micro & macroeconomics concepts, demand & supply, indifference curve, revenue & cost analysis

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**

**SYLLABUS OUTLINE FOR M.Com (EAFM) CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Consumer Equilibrium
- Elasticity of Demand
- Production function
- Cost concept
- Oligopoly Market
- National Income
- Reserve Bank of India
- Fund flow
- Cash flow
- Financial Ratios
- Dividend Policy
- Rural Development in India
- Cooperative thoughts in India
- Public enterprises in India
- Indian Monetary system
- Monetary policy
- Fiscal policy

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.



**SYLLABUS OUTLINE FOR M.Com (ABST) CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Accounting concept
- Normal and abnormal loss
- Unearned income
- Median
- Karl Pearson's correlation
- Methods of labour remuneration
- Abnormal waste
- Income from salary
- Residential status
- Clubbing of income
- Accounting standards
- Hire purchase
- Range
- Standard deviations
- Tds

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**

**SYLLABUS OUTLINE FOR M.Com (BADM) CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Management
- Function of Management
- Leadership
- Motivation
- Share capital
- Types of shares and debentures
- Directors
- Contract Act 1872
- Sales of Goods Act 1930
- Partnership Act 1932
- Entrepreneurship
- MSME
- Types of Advertising
- E-COMMERCE
- Insurance

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**

**SYLLABUS OUTLINE FOR M.A ENGLISH CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

**1. History of English Literature from Chaucer to Present**

- Major Authors
- Major Literary Movements:

**2. Literary Terms**

- Metaphor, Simile, Irony, Allegory, Oxymoron, Enjambment, Allusion, Archetype

**3. Poetry**

- William Shakespeare – Not Marble, nor the Gilded Monuments; Shall I Compare Thee to a Summer's Day
- John Milton – Paradise Lost, Book I
- John Donne – Death be not Proud
- William Wordsworth – The World is Too Much with Us; London, 1802
- T.S. Eliot – Waste Land
- Alfred Tennyson – Crossing the Bar
- Toru Dutt – Our Casuarina Tree
- Nissim Ezekiel – Enterprise

**4. Drama**

- William Shakespeare – As You Like It
- Ernest Hemingway – Old Man and the Sea
- Girish Karnad – Tughlaq

**5. Novel & Short Story**

- R. K. Narayan – The Guide
- Emile Bronte – Wuthering Heights
- O'Henry – The Gift of the Magi
- Munshi Premchand – The Shroud
- K.A. Abbas – The Sparrows

**6. Current Literary Awards**

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**

**SYLLABUS OUTLINE FOR M.A HISTORY CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- **Gandhian Era:**  
*Non-Cooperation Movement, Khilafat Movement, Civil Disobedience Movement, Round Table Conference, Communal Award 1932, Poona Pact, Quit India Movement.*
- Development of Colonial Administration Regularity Acts- 1773, 1784, 1813, 1833, 1853, Administrative Reforms- Revenue, Judicial, Civil, British Policy towards Princely States. Indian Response
- Revolt of 1857, Govt. of India Act 1858. Social Reforms. Early Political Associations.
- Sources: Literary, Archaeological, and Archival. Foreign Travelers.
- Invasions of Mahmood Ghazanavi & Muhammad Gori and their Impact.
- Foundation and Consolidation of the Delhi Sultanate: Aibak, Iltutmish, Razia and Balban.
- Alauddin Khilji: Conquest, Administrative and Economic reforms.
- Society and Economy during Sultanate Period.
- Establishment of the Mughal Empire: Babur and Humayun.
- Decline and Disintegration of the Mughal Empire.
- Rise of Maratha Power and Maratha Confederacy: Shivaji and his Conquests. Concept of Hindu Pad Padshahi.
- Social Classes: Ulema, Nobility, Zamindars. Status of Women.
- Agriculture, Trade and Commerce. Art, Architecture and Literature during Medieval Period.
- Composite Culture: Bhakti and Sufi Movement.
- Survey of the Sources: Literary and Archeological, Ceramic evidences (RW, BRW, OCP, PGW, NBPW).
- Vedic Culture: Origin, Polity, Economy, Society, Religion and Philosophical developments.

- Period of Religious Movements: Material Background, Use of Iron Plough, Rise of New Classes, Jainism and Buddhism: Origin and Teachings.
- The Mauryan Age: Sources; Polity, Economy, Society and Religion; Ashoka's Dhamma; Administration; Decline of the Empire.
- The Gupta Age: State and Administration, Society and Economy, Art and Architecture, Literature, Science
- Architectural Development: Stupa, Nagar, Dravid and Besar styles of Temple Architecture.
- Ancient Universities of India: Takshashila, Nalanda, Vikramshila, Valabhi

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**SYLLABUS OUTLINE FOR M.A GEOGRAPHY CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

**1. Physical Geography:**

**Geomorphology:**

- Includes topics like the origin of the earth, geological time scale, earth's materials and minerals, plate tectonics, endogenic and exogenic processes, and geomorphic agents and processes

**Climatology:**

- Covers elements of weather and climate, atmospheric composition and structure, atmospheric pressure, winds, temperature, humidity, and the hydrological cycle.

**Oceanography:**

- Focuses on the physical and chemical properties of oceans, ocean currents, tides, and waves.

**2. Human Geography:**

- **Economic Geography:** Deals with the spatial distribution of economic activities, including agriculture, industry, and trade.
- **Social and Cultural Geography:** Explores the relationship between society, culture, and the environment.
- **Political Geography:** Examines the spatial aspects of political systems and processes.
- **Settlement Geography:** Covers the origin, types, and patterns of human settlements, including rural and urban settlements.
- **Population Geography:** Focuses on the spatial distribution, composition, and dynamics of population.

**3. Indian Geography:**

**Physical Setting:**

- Includes the physiographic divisions of India, climate, drainage systems, and natural vegetation.

**Resources:**

- Covers the distribution and utilization of natural resources in India, including land, water, minerals, and energy resources.

**Agriculture:**

- Examines the agricultural practices, cropping patterns, and agricultural regions of India.

**Industry:**

- Deals with the spatial distribution and characteristics of industries in India.

**Transport and Communication:**

- Covers the transportation network and communication systems in India.

**4. Geographical Thought:****Development of Geographical Thought:**

- Explores the historical evolution of geographical ideas and concepts from ancient times to the present day.

**Major Schools of Geographical Thought:**

- Covers the contributions of prominent geographers and schools of thought like German, French, and Anglo-American geography.

**Modern Geography:**

- Focuses on the development of geography as a spatial science and its various approaches.

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**

**SYLLABUS OUTLINE FOR M.A YOGA CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Basic knowledge related to Yoga.
- About Yoga day.
- Basic human anatomy and physiology.
- Misconception about Yoga.
- Basic knowledge about Shrimad Bhagwatgeeta, Ramayana, and Upnished
- Basic Asnas, Pranayama, for specific diseases.

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.



**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**

**SYLLABUS OUTLINE FOR M.A HINDI CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

पंडित दीनदयाल उपाध्याय शेखावाटी विश्वविद्यालय ,सीकर

एम.ए. हिंदी प्रथम सेमेस्टर -2025(प्रवेश परीक्षा पाठ्यक्रम)

1. हिंदी साहित्य इतिहास लेखन परंपरा तथा काल विभाजन ।
2. आदिकालीन साहित्य की प्रमुख काव्य प्रवृत्तियां।
3. भक्ति आंदोलन के उदय के कारण तथा भक्ति काव्य के प्रमुख संप्रदाय ।
4. रीतिकालीन काव्य की प्रमुख काव्य प्रवृत्तियां तथा रीतिकालीन काव्य धाराएं ।
5. हिंदी गद्य का उद्भव और विकास ।
6. प्रमुख हिंदी गद्य विधाएं (कहानी ,नाटक ,उपन्यास ,एकांकी तथा आत्मकथा)
7. ढोला मारू रा दूहा :संपादक नरोत्तम दास स्वामी( दोहा संख्या 119 से 130)
8. कबीर :संपादक हजारी प्रसाद द्विवेदी (पद संख्या 160 से 170)
9. बिहारी रत्नाकर :संपादक जगन्नाथ दास रत्नाकर (दोहा संख्या 1 से 25)
10. घनानंद :संपादक विश्वनाथ मिश्र (कविता संख्या 1 से 10)
11. हिंदी कहानी-
  - (क) उसने कहा था- चंद्रधर शर्मा गुलेरी
  - (क) कफन -प्रेमचंद
  - (ग) चीफ की दावत -भीष्म साहनी
  - (घ) वापसी -उषा प्रियंवदा
12. उपन्यास :आपका बंटी -मन्नू भंडारी
13. नाटक :लहरों का राजहंस- मोहन राकेश
14. एकांकी-
  - (क) मकड़ी का जाला - जगदीश चंद्र माथुर
  - (ख) लक्ष्मी का स्वागत -उपेन्द्रनाथ अशक
15. छंद ज्ञान -दोहा, चौपाई, सोरठा, रोला, उल्लाला तथा गीतिका ।
16. अलंकार ज्ञान -अनुप्रास ,यमक ,उपमा ,रूपक ,उत्प्रेक्षा, भांतिमान, दृष्टांत तथा वक्रोक्ति ।

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**SYLLABUS OUTLINE FOR LL.M CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation)
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

**UNIT — I: JURISPRUDENCE**

1. Meaning , Nature and Scope of Jurisprudence
2. Schools of jurisprudence
3. Legal personality
4. Concept of rights and duties
5. Concepts of property, ownership and possession

**UNIT — II: CONSTITUTIONAL AND ADMINISTRATIVE LAW**

1. Preamble, fundamental rights and duties, directive principles of state policy
2. Union and State legislature and distribution of legislative powers
3. Judiciary
4. Emergency provisions
5. Principle of natural justice and Judicial Review

**UNIT — III: PUBLIC INTERNATIONAL LAW**

1. International law — Definition, nature and basis
2. Sources of International law
3. Recognition of states and governments
4. Extradition and asylum
6. United Nations and its organs

**UNIT — IV: LAW OF CRIMES**

1. General principles of criminal liability — Actus reus and mens rea, individual and group liability and constructive liability
2. Stages of crime and inchoate crimes - Abetment, criminal conspiracy and attempt
3. General exceptions
4. Offences against human body
5. Theories and kinds of punishments, compensation to the victims of crime

**UNIT — V: LAW OF TORTS**

1. Nature and definition of tort
2. General defences
3. Specific torts — Negligence, nuisance, trespass and defamation
4. Strict and absolute liability
5. Tortious liability of the State

## UNIT — VI: COMMERCIAL LAW

1. Essential elements of contract and e-contract
2. Breach of contract, frustration of contract, void and voidable agreements
3. Specific contracts - Bailment, pledge, indemnity, guarantee and agency
4. Company law — Incorporation of a company, prospectus, shares and debenture

## NIT-VII: FAMILY LAW

1. Sources and schools
2. Marriage and dissolution of marriage
3. Matrimonial remedies - Divorce and theories of divorce
4. Adoption, guardianship, Succession and inheritance
5. Will, gift and wakf , Uniform Civil Code

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**

**SYLLABUS OUTLINE FOR MA (JMC) CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

Introduction to Communication, Intra Personal Communication, Inter Personal Communication, Group Communication, Public & Mass Communication, Public Relation, Advertisement, Digital Media, News : Definition - Elements of News, Newspaper Editor, Online Reporting, News Headlines, Reporter, History of Television, Basic of TV production, Studio discussion, History of Radio , Radio journalism & production, Radio Studio, types of Microphone, Studio Interview, History of Indian journalism, Indian Newspapers, concept of Newspapers, Social Media, Facebook, X, Youtube, Media Management. News, Headline, Advertisement, Reporter, Anchor, Channel, Article, Most popular Indian news channels & newspapers,

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**

**SYLLABUS OUTLINE FOR M.A. POLITICAL SCIENCE CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- In The Indian National movement stages of Constitutional Development
- The Constituent Assembly
- Fundamental Rights, Fundamental Duties, Directive Principles of State Policy
- President, Prime Minister, Council of Ministers, Lok Sabha, Rajya Sabha
- Supreme court
- 73 and 74 Constitutional Amendment ( Panchayati Raj and Urban bodies )
- Traditional and Modern Approaches
- Behaviourism, Post Behaviourism
- Democracy
- Indian Political Parties
- Pressure Groups
- Western Political Thinkers- Plato, Aristotle, Karl Marx, JS Mill
- Indian Political Thinkers - Mahatma Gandhi, Pandit Jawaharlal Nehru, Dr. Bhimrao Ambedkar, Savitribai Phule, Pandit Deendayal Upadhyay
- United Nations
- India's relations with its neighbouring countries

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**  
**SYLLABUS OUTLINE FOR POST GRADUATE DIPLOMA IN CYBER SECURITY AND**  
**CYBER LAW CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Computer Fundamentals
  - Basic understanding of computer systems, operating systems, file structures, and internet usage.
- Networking & Cybersecurity Basics
  - Fundamentals of network architecture, common protocols, introductory cryptography, and awareness of cyber threats.
- Legal & Policy Awareness
  - Overview of the Indian legal system, Information Technology Act 2000, cyber law terminologies.

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**  
**SYLLABUS OUTLINE FOR POST GRADUATE DIPLOMA IN DIGITAL FORENSICS**  
**CET-2025**  
**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Computer Fundamentals
  - Basics of computer architecture, operating systems, storage systems, and file structures.
- Networking & Cybersecurity Basics
  - OSI and TCP/IP models, protocols, IP addressing, firewalls, and introduction to cybersecurity principles.
- Digital Forensics Awareness
  - Fundamentals of digital evidence, types of digital crimes, basic knowledge of forensic tools and processes.

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.

**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**  
**SYLLABUS OUTLINE FOR POST GRADUATE DIPLOMA IN AI & ML CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- Mathematics & Statistics (Core Foundation)  
  
Linear Algebra, Vectors and Matrices, Vector Spaces,  
Eigenvalues, Eigenvectors, Matrix Decompositions, Calculus  
Basic integration.  
Probability and Statistics, Basic Probability, Descriptive Statistics  
Inferential Statistics Correlation and Covariance.
- Programming Fundamentals  
  
Python Basics, Algorithms, Searching Algorithms  
Sorting Algorithms, Recursion.  
Algorithmic Complexity
- Core Computer Science Concepts  
  
Database Management Systems (DBMS) & SQL (Basic):  
Object-Oriented Programming (OOP) Concepts
- Introduction to AI & ML (Conceptual, not deep algorithms)  
Basic AI Concepts, Basic ML Concepts.

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.



**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR (RAJ.)**

**SYLLABUS OUTLINE FOR M.Sc. FORENSIC CET-2025**

**Section A**

- General knowledge(Current) & General Awareness
  - Aptitude (Percentage, Profit & Loss, Time & Distance, Geometry)
  - Logical Reasoning (Series, Coding-Decoding, Blood Relation)
  - Analytical Ability (Puzzles, Data Interpretation )
  - Contemporary Knowledge about recent national events.
- General English & Hindi
  - Reading Comprehension
  - Vocabulary (Synonym, Antonym)
  - Grammar
- Computer Awareness
  - General knowledge of devices
  - Common office software (MS Word, Excel & Power-Point)
  - Full forms of general computer terminology (www, http, html etc.)

**Section B**

- General forensic: History, scope and principles of forensic science, disciplines of forensic science, crime scene, investigation procedures for documentation, collecting and preserving evidences at crime scene
- Digital forensic: recovery and analysis of digital evidences from electronic devices, network intrusions and protection.
- Biology : Osteology, human anatomy and physiology, genetics, DNA analysis, blood and other body fluids and forensic botany
- Chemistry: chemical analysis techniques, drug identification, toxicology, poison and other harmful substances chemistry
- Physics: ballistics and trace evidence analysis, microscopy
- Judiciary system: structure of law enforcement system in India

There will be no negative marking.

The exam will be 50 Multiple Choice Questions (MCQ) in exam (Section-A 25 Questions and Section-B 25 Questions). Duration of examination will be 60 minutes.

The paper will be of 50 Marks.