

Syllabus
Teacher Eligibility Test
Paper-II (level - II)
(For a person who intends to be a teacher for Class VI to VIII)
Paper- Child Development and Pedagogy

- **Child Development** : Concept of growth and development, Principles and dimensions of development. Factors affecting development (especially in the context of family and school) and its relationship with learning.
- Role of Heredity and Environment

- Meaning and Concept of learning and its processes. Factors Affecting learning
- Theories of learning. , (Behaviourist, Gestaltism, Bandura and Piaget)
- How children learn and think, Experiential learning, concept mapping, Investigatory approach, Problem solving.
- Motivation and Implications for Learning

- **Individual Differences** :- Meaning, types and Factors Affecting Individual differences Understanding individual differences on the basis of language, gender, community etc.
- **Personality** :- Concept and types of personality, Factors responsible for shaping it. Its measurement
- **Intelligence** :- Concept, Theories and its measurement. Multidimensional Intelligence. Its implication.

- **Understanding diverse learners** :- Backward, Mentally retarded, gifted, creative, disadvantaged and deprived, specially abled.
- **Learning Difficulties.**
- **Adjustment**:- Concept and ways adjustment. Role of teacher in the adjustment.

- Teaching learning process, Teaching learning strategies and methods in the context of National Curriculum Framework 2005.
- Meaning and purposes of Assessment, Measurement and Evaluation. Comprehensive and
- Continuous Evaluation. Construction of Achievement Test.
- Action Research.
- Right to Education Act 2009 (Role and Responsibilities of Teachers)

पाठ्यक्रम
हर्द्वी

कुल प्रश्न - 30
कुल अर्क-30

भाषा - II (कक्षा 6 से 8 तक) लेवेल - II

- एक अपठित गद्ाशं आधाठित नलनलनलत वुाकलण सवधलंी प्रश्न :-
शडुद ऑलल, ततुसड, तडुडव, देशऑ, नवदेशी शडुद । उडसग, ग प्रतुडड, सनध, सडसत, सऑलंल, सवलगड, नवशेषण, कुरकडडल, हललगलं, वकल, कलल ।
- एक अपठित डुदलशं डल आधाठित नलनलनलनलत हडदलंलंु डल प्रश्न :
डलव सलंदड ग
नवकलल सलंदड ग
ललद सलंदड ग
नशलुड सलंदड ग
ऑलवल दृनृ
- वलकुड ललकल, वलकुड के अगलं, वलकुड के डुद, डदडधलं, डुड लवल, लुकुडनलडल।ँ कलक नकहलं, अवुडडल
- डलषल नशलकुषण नवनध, डलषल नशलकुषण के उडलगड, डलषलडल दकुषतल कल नवकलस ।
- डलषलडल कलशलुं कल नवकलस (लसलल, डुडलल, डदुडल, नलललल) नशलकुषण अनधगड सलडगुरी-डलठुड डुसुतक, डहु-डलधुडड एव लं नशलकुषण के अनुड सलंलधल।
- डलषल नशलकुषण डुड लंलुडलकलंल, (लसलल, डुडलल, डदुडल, नलललल) उडलनडुध डलकुषण कल नलडलणग, सडगुर एव लंसततु लुडललकलंल, उडकललतुडक नशलकुषण।

ENGLISH

Total Questions: 30
Total Marks : 30

LANGUAGE - II (CLASS 6 TO 8) LEVEL - II

- Unseen Prose Passage
- Linking Devices, Subject-Verb Concord, Inferences
- Unseen Poem
- Identification of Alliteration, Simile, Metaphor Personification, Assonance, Rhyme
- Modal Auxiliaries, Phrasal Verbs and Idioms, Literary Terms: Elegy, Sonnet, Short Story, Drama
- Basic knowledge of English sounds and their Phonetic Transcription
- Principles of Teaching English, Communicative Approach to English Language Teaching, Challenges of Teaching English: Language Difficulties, Errors and Disorders
- Methods of Evaluation, Remedial Teaching

भाषा -1 (कक्षा 6 से े8 तक) लेवेल - ॥

- एक अपठित गद्ाशं म ेसे निम्नलनित व्याकिण सबिधिी प्रश्न :-
शब्द ज्ञा, तत्सम, तद्भव, देशज, नवदेशी शब्द । पयायगवाची, नवलोम, एकार्थी शब्द । उपसग, प्रत्यय, सनिध औ समास । सजिंा
सविगाम, नवशेषण, अव्यय ।
- एक अपठित गद्ाशं म ेसे निम्नलनित हबदिंओ पि प्रश्न :-
िाक्रिकत शब्दों का अर्थ गस्पि िका, वचि, काल, हलगिं ज्ञात िका। क्रदए गए शब्दों का वचि काल औ हलगिं बदलिया।
- वाक्य िचिा, वाक्य के अगिं, वाक्य के प्रका, पदबधिं, मु ावि औ लोकोनिया।ाँ
- भाषा की नशक्षण नवनध, भाषा नशक्षण के उपागम, भाषा दक्षता का नवकास।
- भाषायी कौशलों का नवकास (िसिा, बोला, पढिा, नलिा) ह दिंी भाषा नशक्षण म ेचिौनतयाँ, नशक्षण अनधगम सामग्री,
पाठ्य पुस्तक, बहु-माध्यम एव िंनशक्षण के अन्य ससिंाधि।
- भाषा नशक्षण म ेमूल्याकिंि, उपलनब्ध पीक्षण का निम्सभग्र एव िंसतत् मूल्याकिंि, उपचिात्मक नशक्षण।

ENGLISH

Total Questions: 30

Total Marks : 30

LANGUAGE-I (CLASS 6 TO 8) LEVEL - II

- Unseen Prose Passage
Synonyms, Antonyms, Spellings, Word-formation, One Word Substitution
- Unseen Prose Passage
Parts of Speech, Tenses, Determiners, Change of Degrees
Framing Questions Including Wh-questions, Active and Passive Voice, Knowledge of English Sounds
and Phonetic Symbols
- Principles of Teaching English, Methods and Approaches to English Language Teaching
- Development of Language Skills, Teaching Learning Materials: Text books, Multi-media Materials and
other resources
- Continuous and Comprehensive Evaluation, Evaluating Language Proficiency
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Syllabus
Teacher Eligibility Test
Paper II
(For a person who intends to be a teacher for classes VI to VIII)
(iv) a Mathematics and Science

(30 Multiple choice questions of Mathematics and 30 Multiple choice questions of Science will be asked from this part of the question paper)

- **Indices** : Multiplication and division of numbers on equal bases, Laws of Indices.
- **Algebraic expressions**: Addition, Subtraction, Multiplication and Division, Identities
- **Factors** : factors of simple algebraic expressions
- **Equations** : Simple linear equation.
- Square & Square Root
- Cube & Cube Root

- **Interest** : Simple interest, Compound interest, Profit - Loss.
- **Ratio and Proportion** : Division into proportional parts, Partnership.
- **Percentage**, Birth and Death rate, Population growth, Depreciation,

- **Lines and Angles** : Line segment, straight and curved lines, types of angles.
- **Plane figures** : Triangles, Congruence of triangles, Quadrilaterals and Circle.
- **Area of Plane figures** : Triangles, Rectangles, Parallelograms and Trapeziums.
- **Surface Area and Volume** : cube, cuboid and right circular cylinder.

- **Statistics** : collection and classification of data, frequency distribution table, Tally marks, bar graph and histogram, circular graph (Pie diagram).
- **Graph**: Various types of graphs.

- Nature of Mathematics/Logical thinking
- Place of Mathematics in Curriculum
- Language of Mathematics
- Community Mathematics

- Evaluation
- Remedial Teaching
- Problems of Teaching

- **Micro-organisms**: Bacteria, virus, fungi (Beneficial & Harmful)
- **Living Being**: different parts of plants, nutrition in plants, respiration and excretion, plant cell and animal cell- their structure and Function, Cell Division

- **Human body and health:** Diseases spread by micro-organisms, (tuberculosis , measles, diphtheria, cholera, typhoid); prevention from diseases; different systems of human body; infectious diseases (reasons of spreading and prevention); Major components of food and diseases developed due to their deficiency; Balanced diet;
- **Animal Reproduction and Adolescence:** Methods of Reproduction; Sexual and asexual. Adolescence and puberty: Changes in body, role of hormones in reproductions, Reproductive health
- **Force and Motion:** Types of forces- (muscular force, frictional force, gravitational force, magnetic force, electrostatic force), Pressure. Types of motion (linear, zigzag, circular, vibrating, periodic) speed. Types of energies-traditional and alternative sources of energy, energy conservation;
- **Heat:** applications of heat; transformation of heat, concept of temperature; melting, boiling and evaporation; condensation and sublimation, examples of thermal expansion in daily life; insulator and conductor of heat; Methods of heat transfer (conduction, convection and radiation).
- **Light & Sound:** sources of light, formation of shadow, reflection of light, image formation in plane mirror, Types of sound, sound propagation Characteristics of sound, echo, noise and methods to reduce noise.
- **Science and Technology:** Importance of science in daily life; Synthetic Fibers & Plastics-Types and characteristics of synthetic fibers. Plastic and its properties, Plastic and environment, detergents, cement, etc.; Science and Technology in medical field (X-ray, C.T. Scan, Surgery, Ultrasound and LASER): In the field of Telecommunication - general information about fax machine, computer, internet, e-mail and website.
- **Solar System:** Moon and stars, Solar family-Sun and Planets, Comets, Constellation
- **Structure of Matter:** Atom and molecule; structure of atom; element, compound and mixture; separation of impurities of substances; symbols of elements, chemical formulae of compounds and chemical equations.
- **Chemical Substances:** Oxides, green house effect and global warming, Hydrocarbon (Introductory knowledge), Acids, Alkali and salt, Oxygen gas, Nitrogen gas and nitrogen cycle, Coal, Petroleum and natural gas
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- Nature & Structure of Sciences
- Natural Science : Aims & objectives
- Understanding the Science
Methods of Science teaching
- Innovation
- Text Material/Aids
- Evaluation
- Problems
- Remedial Teaching

Syllabus
Teacher Eligibility Test
Paper II
(For a person, who intends to be a Social Science Teacher for
Classes VI to VIII)
IV (b) - Social Studies

(60 Multiple choice questions of 60 Marks will be asked from this part of the question paper.)

- **Indian Civilization, Culture and Society -**

Indus valley civilization, Vedic culture, Indian Society : Characteristics, Family, Marriage, Gender Sensitization, Rural Life and Urbanization.

- **Mauryan & Gupta Empires and Post-Gupta Period -**

Political history & administration, contribution to Indian culture, Cultural achievement of Gupta's age, India (600-1000 AD) Indian cultural contacts with the outside world.

- **Medieval and Modern Period -**

The Bhakti and Sufi Movement, Mughal-Rajput relations: Mughal administration, social, Economic and cultural conditions during the Medieval period, British policies towards Indian states. Revolt of 1857. Impacts of British Rule on Indian Economy, Renaissance and Social reforms, Indian National Movement (1919-1947)

- **Indian Constitution and Democracy -**

Preamble, Fundamental rights and Fundamental duties, Secularism and Social justice.

- **Government: Composition and Functions -**

Parliament, President, Prime minister and Council of Ministers; State Government: Panchayati raj and Urban Self-Government.

- **Main Components of the Earth -**

lithosphere, hydrosphere, atmosphere, biosphere; types of rocks: Interior and Exterior forces modifying earth's surface

- **Resources and Development -**

Types of Resources, Conservation of Resources, Soils, Minerals and Power Resources, Agriculture, Industries, Human Resources.

- **Geography and Resources of India -**

Physiographic regions, Climate, Natural vegetation, Wild Life, Multipurpose projects, Agriculture crops, Industries, Transportation, Population, Public amenities, Economic and Social Programmes of Development Consumer awareness

- **Geography and Resources of Rajasthan** - Physical regions, Water conservation and Harvesting, Agriculture Crops, Minerals and Energy resources, Transport, Industries, Population.

History and Culture of Rajasthan -

- Ancient Civilizations and Janpadas, Freedom Struggle in Rajasthan: Integration of Rajasthan; Heritage and Culture of Rajasthan (Forts, Palaces, Fairs, Festivals, Folk-arts, Handicrafts), Rajasthani Literature, Tourism, Conservation of Heritage.

Pedagogical Issues - I

Concept & Nature of Social Science/Social Studies: Class Room Processes, activities and discourse;

- Problems of teaching Social Science/Social Studies, Developing critical thinking

Pedagogical Issues - II

Enquiry/Empirical Evidence; Teaching Learning Material and Teaching Aids: Projects Work:

- Evaluation.