

OSSC LTR Teacher Syllabus 2024

Complete Syllabus in PDF

4. Plan and Pattern of Examination:

Stages of Exam	Type of Exam	No of Paper	Marks allotted	Remarks
Stage-I	Preliminary Examination (Objective Type, MCQ)	One paper	100	It is qualifying in nature. Prelim exam will only be conducted for such posts where number of valid applications are more than five times the advertised vacancies . Based on marks obtained in Preliminary examination approximately 05 times the number of candidates will be shortlisted (post wise & category wise) for appearing in Main written exam.
Stage-II	Main Written Examination (Objective Type, MCQ)	One paper (Different for different Posts)	150	Candidates will be called for certificate verification on the basis of marks secured in Main examination. If vacancies in post/ category are 50 or less than 50 two times, if vacancies in post/ category are 51 or more, 1.5 times the number of vacancies will be called for certificate verification.
Stage-III	Certificate verification		--	The eligibility of candidates shortlisted shall be determined through verification of all relevant documents in support of age, qualification and other eligibility conditions as laid down in the advertisement. The candidate, who fails to attend the document verification, will not be considered

				for the post.
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* There will be **negative marking @0.25 per 1 marks for each wrong response.**

(a) Indicative Syllabus for Preliminary Examination.

- **General Studies-** (Indian Constitution, Indian Economy, Indian and World Geography, History of India, History of Odisha, General issues of Environment or Climate change – 10th Standard) -30 Questions / 30 Marks.
- **Arithmetic** -10th Standard-20 Questions/20 Marks.
- **Logical Reasoning and Analytical Ability, General Mental Ability-** 20 Questions / 20 Marks.
- **Computer/ Internet Awareness** - 20 Questions / 20 Marks.
- **Current events of National / International Importance** - 10 Marks.

N.B.: 10th standard covers the syllabus upto 10th standard not syllabus of only 10th class.

(b) Details of Main written examination is shown below:

Name of the Post	Type of Questions	Number of Questions	Full Marks	Level	Subjects	Languages (Medium)
TGT Arts	MCQ	150	150	Graduation	a) History + Political Science b) Geography+ Economics c) English d) Pedagogy & Evaluation.	English / Odia (English subject-English only)
					e) Odia	Odia only
TGT Science PCM	MCQ	150	150	Graduation	a) Physics b) Chemistry c) Mathematics d) Pedagogy & Evaluation.	English / Odia
TGT Science CBZ	MCQ	150	150	Graduation	a) Chemistry b) Botany c) Zoology d) Pedagogy & Evaluation.	English / Odia
Hindi Teacher	MCQ	150	150	Graduation	a) Hindi	Hindi (Devnagari)
					b) Pedagogy & Evaluation.	English & Hindi (Roman script & Devnagari script)
Sanskrit Teacher	MCQ	150	150	Graduation	a) Sanskrit	Sanskrit (Devnagari)
					b) Pedagogy & Evaluation.	English & Sanskrit (Roman script & Devnagari script)
Telugu	MCQ	150	150	Graduation	a) Telugu	Telugu

Teacher					b) Pedagogy & Evaluation.	
Urdu Teacher	MCQ	150	150	Graduation	a) Urdu b) Pedagogy, & Evaluation.	Urdu
Physical Education Teacher	MCQ	150	150	Intermediate (+2)	a) Physical Education b) Pedagogy, & Evaluation.	English / Odia

Note:-The detail syllabus of Main written examination is enclosed at Annexure-C.

In pursuance of GA & PG Department Notification No-29246, Dated-18th October 2022, the Preliminary Examination/ Main written examination except language paper, shall be conducted both in Odia and English. The candidate shall exercise his/her option in the online application form.

- (c) **All may note that the option once given in the online application form cannot be changed. Options are available in the online application form. The question paper will be distributed to candidates as per their option of language.**
- (d) The candidates who fail to appear in any stage of the recruitment process will not be considered for final selection and their names will be deleted from the merit list.
- (e) Any complaint on the conduct of examination must be sent to the commission by email "support.osscc@gov.in" within 05(five) days of completion of examination.

5) Place and Date of written examination:

- a) The Date of Preliminary Examination/ Main written Examination will be conveyed to the candidates in due course of time through Notice, which will be published in two leading Local dailies as well as website of the Commission and in Admission Letter.
- b) The **preliminary examination** is likely to take place in the **first quarter** (January-March) of the year **2025**.
- c) The exact Date, Time and Venue of Main written examination will be conveyed to the candidates in the Admission Letter(s) in due course. The Admission Letters can be downloaded by the eligible candidates by accessing the Commission's website from time to time.

ANNEXURE-C

**SYLLABUS FOR MAIN WRITTEN
EXAMINATION FOR RECRUITMENT OF
LEAVE TRAINING RESERVE (LTR)
TEACHERS IN GOVT. SECONDARY
SCHOOLS.**

Syllabus for Pedagogy & Evaluation
(For all posts except PET)
(Total Marks 20)

A. Learning Process / Pedagogy

1. Understanding the Learning Process
 - Learning as a process and an outcome
 - Approaches – Humanistic (Karl Rogers)
 - Constructivist (Piaget and Vygotsky)
 - Basic conditions of learning: Readiness, Maturation, Motivation, Task and Methods
2. Organizing Learning
 - Teacher-Centric, Learner –Centric, Learning-Centric
 - Characteristics and Process
3. Addressing Classroom Diversity
 - Using varieties of TLMs and AV Aids
 - Using context of the learner
 - Using variety of activities while group learning, small group learning and self learning
 - Learner in the context of Inclusive Education

B. ASSESING THE LEARNER / PERFORMANCE (EVALUATION)

1. Assessment and Evaluation
 - Assessment and evaluation in constructive perspective
 - Concept, Continuous and Comprehensive Evaluation , Formative, Summative and Diagnostic Assessment
2. Assessment and Learning
 - Assessment of Learning, Assessment for learning, Assessment as Learning
 - Subject-based learning in a constructivist perspective
 - Assessment tools and techniques –Projects, Assignments, Observation, Teacher made Tests
 - Self-assessment, Peer-assessment
3. Test Construction
 - Steps and Principles of Test Construction
 - Development of blue print
 - Preparation of test items
 - Standardized and Teacher made Test

(For the post of PET)
(Total Marks 20)

Pedagogy, Planning & Evaluation

1. Pedagogy

- Teaching Techniques(Lecture method, Demonstration Method, Discussion method and Project method etc)
- Important devices and methods of teaching
- Teaching Procedure-Whole method, Part method, Whole and Part method
- Difference between teaching methods and Teaching Aids

2. Programme Planning & Evaluation

- Programme planning, principles of programme planning in Physical Education
- Function of planning organisation of school sports, coordination and conducting of Physical Education activities
- Evaluation of School Physical Education activities and School Health Education Programme

TGT Science: (PCM)

PHYSICS (40 Marks)

Unit-1 Motion

Newton's laws of motion, Kinematic Equations of motions with acceleration, Graphical representation of Kinematics Equations of motion, Relative velocity and relative acceleration, work energy and power, conservation of energy, collision problem and conservation of linear momentum, forces of nature, friction force.

Circular motion, Rotational Kinematics, Conservation of angular momentum, Moment of Inertia.

Motion under Gravity, project motion, Simple harmonic motion, and Kinematics of simple harmonic motion, simple pendulum.

Unit-2 Gravitation

Kepler's law of planetary motion, Newton's law of gravitation, Acceleration due to gravity, Gravitational field and potential, Escape velocity and satellite motion, Geo stationary Satellites.

Unit-3 Properties of Matter

Inter- atomic and intermolecular force, Elasticity, Stress, Strain and Hook's law , Elastic module

Kinetic theory of gases, concept of heat, pressure and temperature, specific heat, law of equipartition of energy, Universal Gas laws, measurement of Pressure

Surface tension, surface energy, angle of contact, excess pressure, capillarity, viscosity, Poiseuille's law, Stokes's Law, Bernoulli's Equation of fluid motion.
Hydrostatics, Buoyancy, Archimedes Principle, Laws of flotation.

Unit-4 Sound

Waves, Progressive and stationary waves, mechanical waves, equation of a progressive wave, transverse vibration of a string, speed of sound waves, Newton's formula, Super-position of sound waves, Beats, Echo, Doppler's effect, Musical sound and its characteristics.

Unit-5 Optics

Laws of reflection and refraction in transparent medium, total internal reflection, refraction through prisms, Dispersion, Reflection and image formation plan and spherical mirrors, equation for object and image distances for spherical mirrors, image formation in convex and concave lenses, lens equation for convex and concave lenses, power of single and combination of two lenses. Image formation in the eye and defects of vision, microscope and astronomical telescope.

Wave optics, Huygens's principle, Coherent sources and interference, Young's double slit, Bi-prism, Newton's ring experiments, Diffraction of light through single slit and plane transmission grating.

Unit-6 Electrostatics

Coulomb's law and unit of charge, force on charge due to discrete and continuous charge distributions, lines of force and electric field, field due to a point charge and a dipole, electrostatic potential, potential due to a point charge and an electric dipole, electric potential energy of a group of point charges, electric flux, Gauss law and applications, Capacitor, capacitance of parallel plate and spherical capacitors, combinations of capacitors in series and parallel.

Unit-7 Current Electricity

Ohm's law, current and voltage measurements, resistance and Resistivity, combination of resistances in series and parallel, electromotive force, grouping of resistors and cells. Kirchhoff's laws and their applications.

Electric energy and power, heating effect of electric current, Faraday's law of electrolysis.

Magnetic field and magnetic induction, Biot-Savart law, magnetic field due to a straight conductor, a circular coil and a solenoid carrying current. Ampere's circuital law, Lorentz force on a charge particle in uniform electric and magnetic fields. Force between two parallel conductors' carrying current.

Unit-8 Electromagnetic induction

Faraday's law of electromagnetic induction, Lenz's law, eddy current, self and mutual induction, emf induced in a rotating coil. Alternating current, average and RMS values of alternating currents, simple AC circuits (RC, RL and RLC), concept of admittance and impedance. Transformers and simple AC devices (motor, dynamo).

Section-II

CHEMISTRY (40 Marks)

Unit-1 Basic Concepts

Atomic, molecular and equivalent masses, mole concept, types of chemical reactions, calculations based on stoichiometry. Equivalent mass of acid, salt, oxidant and reductant.

Unit-2 States of Matter

Gas laws- Boyle's law, Charles' law, combined gas equation, ideal gas equation, Graham's law of diffusion/ effusion, Dalton's law of partial pressure.

Characteristics of Liquids: Vapour pressure, viscosity and surface tension. Colligative properties of solutions (solute and solvent forming binary solution).

Unit-3 Structure of Atom

Bohr's model and its limitations, concept of shells and sub-shells, dual nature of matter and light. De Broglie's relationship, Heisenberg uncertainty principles, concepts of orbital's, quantum

numbers, shape of s,p and d orbital, rules of filling electrons in orbitals- Aufbau principle and Hund's rule, electronic configuration of atoms, stability of half filled and completely filled orbitals.

Unit-4 Classification and elements and periodicity in properties

Modern periodic law and the present form of periodic table, periodic trends in properties of elements- atomic radii, ionic radii, ionization enthalpy, electron gain enthalpy, electro negativity, valency.

Unit-5 Chemical bonding and molecular Structure

Ionic bond, covalent bond, polar character of covalent bond, covalent character of ionic bond, concept of hybridization, VSEPR Theory and shapes of some simple molecules, hydrogen bond and metallic bond.

Unit-6 Chemical reactions

Types of chemical reactions, redox reaction, Oxidation number calculations, balancing of redox equations by oxidation number and ion electron methods, neutralization reactions and volumetric analysis.

Unit-7 Chemical Equilibria and Ionic Equilibria

Equilibrium in physical and chemical processes, law of mass action, equilibrium constants (K_c , K_p , K_x) relation among them, the reaction quotient and its relation with equilibrium. Le-Chateliers principle and its applications.

Theories of acids and bases, ionization of weak acids and bases, ionic product of water pH and other logarithmic terms, common- ion effect, solubility product and its application in salt analysis.

Unit- 8. General Principles of extraction of metals

Occurrence of metals, ores and minerals, concentration, calcinations, roasting, smelting, reduction methods (carbon reduction, alumino-thermic process, electrolytic and self- reductions) and metal extraction, flux and slag refining of metal. Reactions involved in the Blast furnace for extraction of iron.

Unit-9 Some basic principles of organic chemistry

- Classification and IUPAC nomenclature of organic compounds
- Electronic displacement in covalent bond: inductive effect, electronic effect, resonance and hyper conjugation
- Homolytic and heterolytic fission of a covalent bond: free radicals, carb-cations, carbanions, electrophiles and nucleophiles, types of organic reactions.

Unit-10 Hydrocarbons

Classification of Hydrocarbons.

- Aliphatic Hydrocarbons: general methods of preparation, properties and uses of alkanes, alkenes and alkynes.
- Aromatic Hydrocarbons: benzene, resonance aromaticity, chemical properties, directive influence of functional group in mono-substituted benzene.

MATHEMATICS (50 Marks)

1. Set Theory and its Application

- Union, intersection, difference, complement, power set, number of elements in union and inter-section of finite sets.

2. Relations and Functions

- Reflexive, Symmetric, transitive and equivalence relations, injective, subjective and objective functions, inverse of a function.

3. Number System

- Natural numbers, integers, rational numbers, irrational number, real number, absolute values of numbers, triangle inequality.

4. Quadratic & Linear Equations

- Fundamental theorem of Algebra, roots, discriminates, nature the roots, relation between the roots and coefficients.

5. Calculus of One Variable

- Limit, continuity, derivative, tangent, normal, increasing and decreasing functions.

6. Sequence and Series

- Arithmetic and Geometric progressions, monotonic sequence, exponential series, logarithmic series, Taylor's series, Maclaurin's series.

7. Coordinate geometry

- Distance formula, section formula, area of a triangle, locus and its equation, straight line, circle, conic section.

8. Analytical Solid Geometry

- Plane, straight line, Sphere

9. Probability

- Trial, Sample point, Sample Space, Event, Addition Theorem, Binomial Distribution.

10. Statistics

- Mean, Mode, Median, Mean Deviation, Standard Deviation, Variance

11. Trigonometry

- Angles associated with 90, 180, 270, 360 compounded angle formula, sub-multiple angle formula, Trigonometry Equations, Inverse trigonometric functions, Height and Distance.

12. Mensuration

- Circumference of a circle, length of the arc of a circle, area of a circle, sector and segment, area of a circle annulus, area of a sectional region, area of segment, surface area and volume of a prism, right circular cylinder, cone and sphere.

TGT Science: (CBZ)

Chemistry (40 Marks)

(Same as in TGT PCM Syllabus)

BOTANY (45 Marks)

1. Plant Diversity and Conservation

- Nomenclature and classification of plant kingdom, plant divisions- Thallophyta, Bryophyte, Pteridophyta, Gymnosperms and Angiosperms, their habitat and complexity in their structural organization. Endangered plant species and their conservation measure.

2. Tissue System

- Meristematic and permanent tissues: their types, organization and functions.
- Tissue System: Epidermal, ground and vascular tissue system, internal structure of dicot and monocot stems and roots secondary growth in plants.

3. Photosynthesis

- Structure and photosynthetic pigments, Light reaction: light absorption, electron transport and photophosphorylation, Dark reaction- CO₂ fixation by C₃, C₄ and CAM plants, photorespiration.

4. Growth in Plants

- Photoperiodism, Phototropism, Auxins, Gibberellins, Cytokinins, Ethylene and Abscissic acid, their role in plant growth regulation.

5. Reproduction in plants

- Vegetative reproduction: Fission, budding and cutting(grafting) and propagation in angiosperms.
- Asexual Reproduction: Sporulation, Conidia formation and other special structure formation.
- Sexual Reproduction: Isogamy, Anisogamy and Oogamy, double fertilization and triple fusion in angiosperms.
- Parthenogenesis: Tissue culture and micropropagation

6. Mendelism

- Mendelian factors, Monohybrid cross and principles of dominance and segregation.
- Dihybridcross: Laws of independent assortment.
- Deviations from Mendelian principles

7. Plant Diseases and Control Measures

- Causal Organisms, symptoms, life cycle and control measures of following diseases: Late blight of potato, powdery mildew, Rust and Smut of Wheat, Leaf Sport and blast disease of rice.

ZOOLOGY (45 Marks)

1. Taxonomy

- Five kingdom classification, Characteristics and Examples of each animal phylum (in case of phylum Chordate up to Classes)

2. Cytology

- Cell structure and cell division (mitosis and meiosis), DNA and RNA

3. Genetics

- Linkage, Crossing over, Mutation, Chromosomal aberration and chromosomal mechanism of sex determination

4. Evolution

- Darwinism, Modern Synthetic theory of evolution (variation, selection and isolation)

5. Ecology

- Eco-system, Food Chain and Food Web, Energy Flow, Ecological Pyramids, Renewable and Non-renewable energy resources, Biodiversity (meaning and conservation), Causes, Effects and Control of Air pollution.

6. Nutrition

- Types of food and types of nutrition,

7. Respiration

- Types of respiration (aerobic and anaerobic) Glycolysis and Krebs Cycle

8. Circulation

- Blood (Composition and function) in man, structure and working of human heart

9. Excretion

- Human Kidney (structural details), mechanism of urine formation

10. Control and Coordination

- Structure of neuron, synaptic transmission, structure of human brain and function of its different parts, names of endocrine glands and secreted hormones with their specific functions

11. Reproduction and Development

- Structure of Gonads (ovary and testes) and Gametes in man, Fertilization. Types of cleavage.

TGT ARTS

HISTROY + POLITICAL SCEINCE (20 Marks)

HISTORY

1. Great Rulers of Ancient India
 - Ashoka – Conquests, administration and missionary activities
 - Kharavela – Achievements as mentioned in Hatigumpha inscription
 - Samudragupta – Conquests
 - Harshavardhana – Conquests, administration and religious activities
2. Development of Art and Architecture during Maurya Age, Gupta Age and Kushana Age
3. Development of Literature and Science in Ancient India
4. Administration during Delhi Sultanate with special reference to Balban, AlauddinKhilji and Feroze Shah Tughlaq.
5. Mughal architecture and painting during the reign of Akbar, Jahangir and Shahjahan
6. Rise of British power in India from 1757 to 1856
 - Robert Clive and foundation of British Power
 - Administrative and judicial reforms of Warren Hastings
 - Revenue reforms of Lord Cornwallis
 - Subsidiary alliance
 - Reforms of Lord William Bentinck
 - Doctrine of Lapse
7. Growth of India Nationalism, 1857-1905
 - Revolt of 1857
 - Development of press and literature
 - Education
 - Formation of Political associations
8. Indian National Movement, 1905-1947
 - Swadeshi movement
 - Non-cooperation movement
 - Civil Disobedience movement
 - Quit India movement
 - Indian National Army
 - Partition and Independence
9. First World War and Russian Revolution
 - Causes and consequences of First World War
 - Causes Progress and Effects of Russian Revolution
10. Second World War- Causes and Consequences

POLITICAL SCIENCE

1. Salient features of Indian Constitution
2. Preamble, Fundamental Rights, Directive Principles of State Policy, Fundamental Duties
3. Union Government – President, Prime Minister, Council of Ministers, Parliament and Supreme Court
4. State Government – Governor, Chief Minister, Council of Ministers, Legislative Assembly and High Court.
5. Local Governance – Urban and Rural
6. Electoral Process and Election Commission

7. India's Foreign Policy and its relation with neighbours
8. United Nations – General Assembly, Security Council Human Rights
9. Socialism, Liberalism, Democracy, Authoritarianism, Welfare State and Globalization
10. Kautilya, Raja Ram Mohan Roy, Bal Gangadhar Tilak, Swami Vivekananda, Mahatma Gandhi, Nehru, B.R. Ambedkar

GEOGRAPHY + ECONOMICS (20 Marks)

GEOGRAPHY

1. Physical Geography of India
 - Physiography
 - Drainage
 - Climate
2. Resources with Special Reference to India
 - Types and Classification, Land Resources; Biotic Resources
 - Mineral, Energy, Water Resources
 - Agriculture and Industrial Resources
3. Physical Geography
 - First, Second and third order and forms; Development of land forms – work of rivers, wind and glaciers. Interior of the earth, rocks and their types
 - Structure and composition of the atmosphere, insolation and temperature; Pressure and Winds; Humidity and Rainfall
 - General relief of ocean floor: Salinity and temperature of the ocean water. Oceanic circulation – waves, tides currents
4. Globe and Maps
 - Basic features; types of maps; map scale; contours of relief features
 - Concept of latitude and longitude; International dateline Time Zones; Local and Standard Time.

ECONOMICS

1. Indian Economy
 - Features and broad demographic characteristics; Need and Policies for facing the challenges of over population
2. Current Challenges of Indian Economy
 - Poverty – Measures of poverty; causes, consequences, policy and programmes adopted for poverty eradication; Remedies.
 - Unemployment – Types and measures of unemployment; Causes, consequences and programmes adopted for reducing unemployment.
 - Inflation – Meaning and types; Demand pull and cost push inflation; Causes and consequences and measures taken to control inflation.
3. Economic Development
 - Meaning and Indicators – National Income, Physical Quality of Life Index(PQLI), Human development Index (HDI); concept of and need for sustainable development.

4. Money and Banking

- Meaning, types and functions of money; Banking: Commercial Banks – Meaning, functions; Credit creation by commercial banks; Central Banking – Meaning and functions; Monetary Policy.

ENGLISH (45 Marks)

1. Comprehension:

- a) An unseen passage in about 150 words. Questions testing factual, understanding, inferential and interpretive aspects including vocabulary and usage.
- b) A poem (neither very old nor very absurd but a simple one). Questions testing factual, understanding, referential, appreciative aspects including vocabulary in context)

2. Grammar and usage

Testing of grammar and usage in the following areas:

- a. Prepositions
- b. Direct and indirect speech
- c. Passives
- d. Tense
- e. Identification of error in a sentence
- f. Phrasal verbs
- g. Clause patterns
- h. Punctuations
- i. Types of sentences
- j. Spelling
- k. Agreement of verbs with subjects

3. Speaking (Commonly mis-pronounced words, common errors)

4. **Teaching of English**

- a) Importance of Teaching English/learning English in the present context
- b) Objectives of Teaching English/learning English with reference to Language Skills & Sub-skills
- c) Strategies of Teaching/learning English with special reference to NCF 2005
- d) Stages of planning for a Text (pre-reading, while reading and post-reading)
- e) Assessment of language skills, :Tools and Techniques with reference to Continuous and Comprehensive Assessment

ODIA (45 Marks)

ନିମ୍ନ ପ୍ରଦତ୍ତ ବିଷୟମାନଙ୍କରୁ ପ୍ରଶ୍ନ ପ୍ରସ୍ତୁତ କରାଯିବ ।

୧. ଅବରୋଧ ପରୀକ୍ଷଣ : ପ୍ରାୟ ୧୫୦ ଶବ୍ଦ ବିଶିଷ୍ଟ ଏକ ଗଦ୍ୟ ଅନୁଲେଖ ପ୍ରକାଶ ନରାୟାଳ ଡା'ର ଆଧାରରେ ୪ଟି ପ୍ରଶ୍ନକରାଯିବ । ପ୍ରତିପ୍ରଶ୍ନର ୪(ଚାରି)ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ପ୍ରଦତ୍ତ ହୋଇଥିବ । ପରୀକ୍ଷାର୍ଥୀ ଡା'ଉଁଚରୁ ସବୁଠାରୁ ଉତ୍ତରଟିକୁ ବାଛିବାକୁ ହେବ । ପ୍ରତି ଉପଯୁକ୍ତ ଉତ୍ତର ପାଇଁ ୧ ନମ୍ବର ରହିବ ।
୨. ଲେଖା ଓ ଲେଖକ : ସାରଳା ଦାସ, ଜଗନ୍ନାଥ ଦାସ, ଉପେନ୍ଦ୍ର ଭଞ୍ଜ, ଚାମରତୋଳ, ଫକୀରମୋହନ, ଗୋପାଳଚନ୍ଦ୍ର ପ୍ରହରାଜ, ଗୋପାଳୀୟ ମହାନ୍ତି - ୭ଜଣ ଲେଖକଙ୍କର ଗୋଟିଏ କୃତିର ନାମ ଉଲ୍ଲେଖ କରାଯାଇ ଲେଖକଙ୍କ ନାମ ପ୍ରଶ୍ନ କରାଯିବ କିମ୍ବା ଲେଖକଙ୍କ ନାମ ଦିଆଯାଇ ଭିନ୍ନ ଭିନ୍ନ ଉତ୍ତର ରଚନା ମଧ୍ୟରୁ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ କୁହାଯିବ ।
୩. ପଦନିର୍ଣ୍ଣୟ : ଗୋଟିଏ ନିର୍ଦ୍ଦିଷ୍ଟ ବାକ୍ୟ ଦିଆଯାଇ ତହିଁରୁ ଗୋଟିଏ ପଦକୁ ରେଖାଙ୍କିତ କରି ସେହି ପଦଟିକୁ ଚିହ୍ନାଙ୍କିବାକୁ ପ୍ରଶ୍ନ କରାଯିବ । ଏଥିପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ । ଏଥିପାଇଁ ବିଶେଷ୍ୟ / ସର୍ଗନାମ / ବିଶେଷଣ / ଅବ୍ୟୟ କ୍ରିୟାପଦ ଇତ୍ୟାଦି ୫ ପ୍ରକାର ମଧ୍ୟରୁ ୩(ତିନି) ପ୍ରକାରର ୩ଟିକୁ ଚିହ୍ନାଙ୍କିବାକୁ ହେବ ।
ଏଥିପାଇଁ ଭିନ୍ନ ଭିନ୍ନ ୩(ତିନି)ଟି ବାକ୍ୟ ମାଧ୍ୟମରେ ୩ଟି ପ୍ରଶ୍ନ କରାଯିବ ।
୪. କୃଦନ୍ତ: ଦୁଇଟି କୃଦନ୍ତ ନିଷ୍ପନ୍ନ ପଦର ଗଠନ କିମ୍ବା ପ୍ରତ୍ୟୟ ଚିହ୍ନାଙ୍କିବାକୁ ପ୍ରଶ୍ନ କରାଯିବ । ପ୍ରତ୍ୟେକରୁ ୪ଟି ପ୍ରତ୍ୟୟ ନିର୍ଦ୍ଧାରଣ ଦିଆଯାଇ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।
୫. ତଦ୍ଧିତ: ଦୁଇଟି ତଦ୍ଧିତ ନିଷ୍ପନ୍ନ ପଦ ଦିଆଯାଇ ପ୍ରତ୍ୟେକ ନିର୍ଣ୍ଣୟ କିମ୍ବା ୪ଟି ଭିନ୍ନଭିନ୍ନ ଶବ୍ଦ ମଧ୍ୟରୁ ତଦ୍ଧିତ ନିଷ୍ପନ୍ନ ପଦ ଠିକ୍ ଶବ୍ଦଟିଏ ରଖି ତାକୁ ଚିହ୍ନାଙ୍କିବାକୁ କୁହାଯିବ ।

୬. ବାକ୍ୟ ପରିଚିତି: ସରଳ, ଯୌଗିକ, ଜଟିଳ ବାକ୍ୟ କିମ୍ବା ଦୁଇ ପ୍ରକାର ବାକ୍ୟର ମିଶ୍ରରୂପ ଭିତରୁ ଯେକୌଣସି ବାକ୍ୟଟିଏ ପ୍ରଶ୍ନରେ ଦେଇ ତା'ର ପ୍ରକାର ଚିହ୍ନଟାଙ୍କାକୁ କୁହାଯିବ । ସମାବନା ସ୍ୱରୂପ ୪ ପ୍ରକାର ଉତ୍ତର ଦିଆଯିବ, ତା'ଭିତରୁ ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ ।
୭. ସାଧାରଣ ଅଶୁଦ୍ଧି : ଶବ୍ଦ ଓ ବାକ୍ୟ ପ୍ରତ୍ୟେକରୁ ୨ଟି ଲେଖାଏଁ ପ୍ରଶ୍ନ ଦିଆଯାଇ ସେଥିରୁ ଠିକ୍ ଶବ୍ଦ କିମ୍ବା ବାକ୍ୟ ବାଛିବାକୁ କୁହାଯିବ । ଏଥିରେ ୩ଟି ଅଶୁଦ୍ଧ ଶବ୍ଦ କିମ୍ବା ବାକ୍ୟ ଓ ଗୋଟିଏ ଶୁଦ୍ଧ ଶବ୍ଦ ବା ବାକ୍ୟ ଥିବ, ସେଥିରୁ ଶୁଦ୍ଧଟିକୁ ବାଛିବେ । ଶବ୍ଦ ଓ ବାକ୍ୟ ପାଇଁ ଅଲଗା ପ୍ରଶ୍ନ ପଡ଼ିବ ।
୮. ସନ୍ଧି : ସ୍ୱରସନ୍ଧି, ବ୍ୟଞ୍ଜନ ସନ୍ଧି ଓ ବିସର୍ଗସନ୍ଧି ମଧ୍ୟରୁ ଯେକୌଣସି ଗୋଟିଏ ସନ୍ଧି ନିଷ୍ପନ୍ନ ପଦନେଇ ତା'ର ଠିକ୍ ବିଚ୍ଛେଦ ବାଛିବାକୁ ୪ (ଚାରି)ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍ କୁ ବାଛିବେ ।
୯. କାରକ : ବାକ୍ୟଟିଏ ଦେଇ ଗୋଟିଏ ପଦକୁ ରେଖାକିତ କରି ତାହା କେଉଁ କାରକ ଚିହ୍ନଟାଙ୍କାକୁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ବାଛିବାକୁ କୁହାଯିବ ।
୧୦. ବିଭକ୍ତି: ବାକ୍ୟଟିଏ ଲେଖା ଦେଇ ଗୋଟିଏ ପଦକୁ ରେଖାକିତ କରି ତାହା କେଉଁ ବିଭକ୍ତି, ଦିଆଯାଇଥିବା ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ବାଛିବାକୁ କୁହାଯିବ । ଏହିପରି ଦୁଇଟି ଭିନ୍ନ ଭିନ୍ନ ପ୍ରଶ୍ନ ପ୍ରଦାନ କରାଯିବ ।
୧୧. ସମାସ: ତତ୍ପୁରୁଷ, କର୍ମଧାରୟ, ବହୁରାହି, ଦ୍ୱିଗୁ, ସ୍ୱୟଂ, ଅଲୁକ, ଅନ୍ୟଯାତାକ-୭ଟି ସମାସ ମଧ୍ୟରୁ ଦୁଇଟି ପ୍ରଶ୍ନକରାଯାଇ ସମାସ ଚିହ୍ନଟାଙ୍କାକୁ କିମ୍ବା ବ୍ୟାସବାକ୍ୟ ଦିଆଯାଇ ସମାସ ନିଷ୍ପନ୍ନ ପଦ ନିର୍ଣ୍ଣୟ କରିବାକୁ ଦିଆଯିବ । ପ୍ରତିଟି ପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ପ୍ରଦାନକରି ଠିକ୍ କିଛି ବାଛିବାକୁ ହେବ ।
୧୨. ରୁଚି : ଗୋଟିଏ ରୁଚି ଦିଆଯାଇ ତା'ର ୪ଟି ସମ୍ପୂର୍ଣ୍ଣ ଅର୍ଥ ମଧ୍ୟରୁ ଠିକ୍ ଅର୍ଥଟି ବାଛିବାକୁ କୁହାଯିବ ।
୧୩. ଛନ୍ଦ : ଛନ୍ଦ ପାଇଁ ଗୁଜରୀ, ନଟ ବାଣୀ, ବଜ୍ରଜାୟୀ, ଡାଣ୍ଡିକୃତ, ଚୋଖି-୫ଟି ମଧ୍ୟରୁ ଗୋଟିଏ ଛନ୍ଦର ଉଦାହରଣ ଉଦାହରଣ ଛନ୍ଦ ଚିହ୍ନଟାଙ୍କାକୁ କୁହାଯିବ । ଏଥିପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ ।
୧୪. ଅଳଙ୍କାର: ଅନୁପ୍ରାସ, ଉପମା, ରୂପକ, ବ୍ୟତିରେକ, ଉଚ୍ଚପ୍ରକ୍ଷା, ଅର୍ଥାନ୍ତରନ୍ୟାସ - ୬ଟି ମଧ୍ୟରୁ ଗୋଟିଏର ଉଦାହରଣ ଦେଇ ଅଳଙ୍କାର ଚିହ୍ନଟାଙ୍କାକୁ କୁହାଯିବ । ଏଥିପାଇଁ ଚାରିଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ ।
୧୫. ଏକ ପଦାକରଣ : ବ୍ୟାଖ୍ୟା ପ୍ରଦାନ କରାଯାଇ ଏହାକୁ ଏକପଦରେ ପ୍ରକାଶ କରିବାକୁ କୁହାଯିବ ଏବଂ ଏକପଦ ରୂପ ଦିଆଯାଇ ଏହା ଅର୍ଥ ବ୍ୟାଖ୍ୟା ଚିହ୍ନଟାଙ୍କାକୁ ପ୍ରଶ୍ନକରାଯିବ । ଏଥିପାଇଁ ଦୁଇଟି ଭିନ୍ନ ଭିନ୍ନ ପ୍ରଶ୍ନ କରିବା ଓ ପ୍ରତିଟି ପାଇଁ ୪ଟି ଲେଖା ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ; ସେଥିରୁ ଠିକ୍ କିଛି ବାଛିବାକୁ ହେବ ।
୧୬. ଅବବୋଧ ପରୀକ୍ଷଣ: ଚାରି/ ପାଞ୍ଚ ପଦ ବିଶିଷ୍ଟ ଏକ କ୍ଷୁଦ୍ର କବିତା ଆଧାରରେ ୫ଟି ପ୍ରଶ୍ନ କରାଯାଇ, ପ୍ରତି ପ୍ରଶ୍ନର ୪ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ପ୍ରଦାନ ହେବ ଏବଂ ପ୍ରତି ଉତ୍ତର ପାଇଁ ୧ ନମ୍ବର ରହିବ ।

Telugu Teacher

Telugu (130 Marks)

1. Language – Mother tongue, Aims of teaching through mother tongue, Language teaching skills, Language – Methodology.
 2. Teaching Methods, Teaching Practice; Teaching Aids, Literature works – Teaching Methods.
 3. Education – Technology, Assessment of Learning, Planning and Designing Achievement Tests, Other Tools for Assessment, Utilization of Educational Sources, Evaluation
 4. Unseen poetry passage, unseen prose passage with test items, vocabulary, opposite words, identification of parts of speech; identification of genders
 5. Gramatical items : Pronunciation – voice – words formation, words, pratyayamulu, Kalalu, Drutaprakrutikalulu, Parusha, Saralalu, Parts of Speech; Sentences, Tense, Genders, Figures of Speech, Punctuation marks, Meanings, Synoniums, Antoniums, Deviations, Clauses, Phrases, Subjective and non-subjective sentences; different types of sentences, active voice – passive voices, direct – Indirect speech, formation of sentences, foreign, country and village words; Sandhi, Samas, Idioms, Phrases and other meanings; Chandhassu, Alankara etc.
 6. Contributions of famous literates for development of Telugu language
 - Nannaya – “Mahabharat” Chapter 4 (120 – 165)
 - Karivi / Goparaju – Salivahana Vidyam. Chapter – 1 (115-165)
 - Garimella Satyanarayan – We do not want British ruling
 - Shri Shri – Mahaprasthanam
 - Vimala – Vantillu Enta Adbutam
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- Unit - 1 • భాష - మాతృభాష
 • మాతృభాష బోధనా లక్ష్యములు
 • బోధనా సాధనాలు
 • భాష - వివిధ భాషలు

- Unit - 2 • బోధనా పద్ధతులు
 • బోధనా పద్ధతులు
 • బోధనా పద్ధతులు - బోధనా పద్ధతులు
 • సామాజిక ప్రక్రియలు - బోధనా పద్ధతులు

- Unit - 3 • విద్య - సాంకేతిక శాస్త్రం
 • సహాపాఠ్య కార్యక్రమాలు
 • ప్రణాళిక రచన
 • పాఠ్యగ్రంథాలు
 • వనరుల వినియోగం
 • మూల్యాంకనం

- Unit - 4 • GROUP "B"
 • ప్రపంచీకృత పద్యభాగము / ప్రపంచీకృత గద్యభాగముపై ప్రశ్నోత్తరం
 • పదముల అర్థాలు • వ్యతిరేక అర్థాలు • సభాభాగము గుర్తించుట
 • సుహృద్భావం • మహాభావం • ప్రపంచీకృతం ముగ్ధునివలె

- Unit - 5 • భాషాంతరాలు :- ఉత్పాదన - ధ్వని - ధ్వన్యర్థసృష్టి - స్థానాలు - పదము - ప్రాతిపదిక - ప్రాథమికములు - కళలు - దృశ్యప్రకృతికాలు; పదాలు - సరళాలు; భాషాభాగాలు; వచనాలు, కాలాలు, వింగం; విభాషలు; విరామచిహ్నములు; అక్షరాలు; నానాభాషలు; ప్రాథమికపదాలు; పుస్తకాక్షరాలు; సమాపక-అసమాపక క్రియలు; క్రియాక - సకర్మక క్రియలు; వాక్యభేదాలు; కర్తార్థక - కర్మార్థక వాక్యాలు; ప్రశ్నార్థక - పరాశ్లేష వాక్యాలు; వాక్యనిర్మాణం; తప్పని - తప్పని, దేర్భ్య, గర్భ్య, అస్యదేర్భ్య పదాలు ముగ్ధునివలె. తెలుగు - సంస్కృత సంఘటన; సమాసములు; తెలుగు జాతియములు - అక్షరనిర్మాణం; భండస్సు (ఉత్పలములు, చంపకములు, గౌరవము, మత్తెనం, అటమెన, తెలుగితి, కందము), అలంకారములు.

- Unit - 6 • తెలుగు భాషాభివృద్ధికి ఆమూల్య గ్రంథాలు
 • సప్తయ :-
 • ఆంధ్ర మహాభారతం, ఆదిపర్వము, 4వ అధ్యాయం (120 - 165)
 • "నరవతుడును దేవతనును" నుండి "దివ్యభాషా నాటకం" వరకు.
 • కొండవీటి గోపాలాచార్య :-
 • శాఖాభాషా విజయం.
 • సింహాసన దృశ్యనిక - ఓటమి అధ్యాయం (115 - 165)
 • "సజ్జాత దానధర్మ" నుండి "బిల్లు విక్రమార్కజీవితం" వరకు.
 • గరిమెట్ల సత్యనారాయణ :- "మాతృభాషా తెలుగురచనం"
 • శ్రీశ్రీ :- "మహాప్రస్థానం"
 • విమల :- వంటిల్లు "ఎంత క్రొవ్వుత మైనది" నుండి "ఓటమి వంటగదులు" వరకు

* * * * *
 01. U.K. Rao / ...
 02. V. Paparao.

Hindi Teacher

Hindi (130 Marks)

UNIT- I (हिन्दी गद्य साहित्य)

- (i) निबंध - निम्नलिखित पाठ्य विषयों से प्रश्न किए जायेंगे ।
- बालमुकुंद गुप्त - बनाम लार्ड कर्जन
 - रामचन्द्र शुक्ल- क्रोध
 - हजारी प्रसाद द्विवेदी - अशोक के फूल
 - हरिशंकर परसाई - भोलाराम का जीव
- (ii) उपन्यास -
- प्रेमचन्द - कर्मभूमि
 - भगवती चरण वर्मा - चित्रलेखा
 - मन्नू भण्डारी - आपका बंटी
- (iii) कहानी -
- प्रेमचन्द - कफन, पूस की रात
 - प्रसाद - पुरस्कार, आकाशदीप
 - अज्ञेय - तत्सत्
 - भगवती चरण वर्मा - प्रायश्चित्त
 - कमलेश्वर - गर्मी के दिन
 - जैनेन्द्र कुमार - पत्नी

- उषा पिकम्बदा - चापसी
- भीष्म साहनी - चौक की दावत
- (iv) नाटक -
 - जय शंकर प्रसाद - चन्द्रगुप्त
 - लक्ष्मीनारायण मिश्र - सिंदूर की होली
 - मोहन राकेश - आषाढ का एक दिन
- (v) संस्मरण / रेखाचित्र
 - महादेवी वर्मा - गौर
 - रामवृक्ष बेनीपुरी - रत्निय
 - विष्णु प्रभाकर - अष्टावक्र

UNIT- II (पद्य विभाग)

- (i) कबीर दास - दोहे - गुरु गोविन्द दीउ खड़े, पानी केरा बुद बुदा, माटी कहे कुम्भारसे, बलमें कुंभ, कस्तूरी कुंडल बरी, पानी आपन, कल करी सो आज कर, धाम्य ऐसा चाहिए... । पद - माया महा उगिनी ।
- (ii) सूरदास - बाल वर्णन - मैया मैं नहीं माखन, मैया मोहि दाऊ बहुत बिजानी, जसुमति हरि पालन, मैया कबहुं चढ़ेगी चोटी ।
भ्रमर गीत - अधो मन मानेकी बात, ऊधो मन बहि वस बीस, निर्गुन कौन देखजौ, अधा मोहि ब्रज विसरत रहै ।
- (iii) तुलसी दास - केवट प्रसंग, भरत-महिमा
- (iv) बिहारी - मैरी सब चाधा हरी, कनक कनक तैं, बतरस लालच, कहत मटल रोझत.. ।
- (v) मेधिलीशरण गुप्त - बशोपण
- (vi) दिनकर - कुक्षेत्र (प्रथम तीन वर्ष)
- (vii) बच्चन - पद्यकी पहचान, सुगन्
- (viii) सुभद्राकुमारी - झंसी की रानी

(ix) प्रसाद - भारतवर्ष, हिमाद्रि तुंग...

(x) पंत - प्रथम रश्मि, ताज

(xi) निराला - संख्यासुंदरी, लोडली पत्थर

(xii) केदारनाथ सिंह - अक्बाल में वृक्ष

(xiii) नगार्जुन - बहुत दिनों के बाद

UNIT- III (प्रत्येक पाठ्य - बिन्दु से दो प्रश्न)

भाषा अध्वनन :

- i) हिन्दी और ओड़िजा ध्वनियों (स्वतंत्रिकी ज्ञान)
- ii) शब्द निर्माण - प्रचलित उपसर्ग और प्रत्यय
- iii) श्रुति तथा समास
- iv) विलोम और पर्यायवाची शब्द
- v) शब्दों की सही वर्तनी और उच्चारण
- vi) संज्ञा : लिंग, चयन
- vii) कारक विभक्ति और विशेषण के मुख्य प्रकार
- viii) क्लिया : (क) भेद (सकर्मक, अकर्मक, सरल, मिश्र, यौगिक, प्रेरणार्थक)
(ख) काल - तीन कालों का मुख्य भेद
- ix) वाक्य : मुख्य भेद और परिवर्तन
- x) अति प्रचलित मुहावरें और कलावर्तें

UNIT- IV (भाषा प्रयोग)

- i) गद्य पाठ विधि - परिचयात्मक प्रश्न, बाधन, लेखन, बोध प्रश्न, ज्ञान, और चिंतामूलक प्रश्न ।

- ii) पद्य पाठ विधि - सामान्य परिचयात्मक प्रश्न, व्याख्या की पद्धति, आत्मीकरण, काव्यानन्दका स्वाद ।
- iii) व्याकरण पाठ विधि - आगमन / निगमन प्रणाली
- iv) अनुवाद - ओडिआ से हिन्दी पाँच सरल वाक्य या वाक्यांश
- v) अपठित गद्य/पद्यांश - (छोटे-छोटे दो अंश)
उसमें से बोध / ज्ञान मूलक प्रश्न होंगे

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Sanskrit Teacher

Sanskrit (130 Marks)

शिक्षादान पद्धतिः

UNIT- 1 : Learning Sanskrit संस्कृतशिक्षणम्

- संस्कृतशिक्षणस्य सामान्यम् उद्देश्यं महत्त्वं च
- प्राथमिकस्तरे संस्कृत शिक्षायाः महत्त्वम्
- संस्कृतशिक्षायाः सुगमं कौशलम्
- श्रवणम् पाठनम्, वाचनम्, पठनकौशलम् लेखनकौशलम्

UNIT- 2 : भाषाप्रशिक्ष

- व्याकरणानुवाद पद्धतिः : (Formal Grammar, Functional Grammar)
- प्रत्यक्षपद्धतिः : (Preparation, Presentation, Comparison, Assimilation, (Directmethod) Application)
- परोक्षपद्धतिः : (Indirect Method) - अन्वय पद्धति Teaching Poetry,
- आरोह पद्धतिः : अस्या पद्धतेः भुजाः दोषाः च
Indirective Method - From Example to approach the sutra method in grammar.
- अवरोह पद्धतिः : (deductive method) Interpretation of the sutra and justification through the examples.

UNIT- 3 : भाषासाहित्यशिक्षण पद्धतिः :

Method of assessment learning sanskrit language and literature.

गद्य-पद्य प्रशिक्षण परीक्षण योजना

Planning of assessment of teaching prose and poetry.

परीक्षणस्य योजना साफल्यं च परीक्षणस्य अवान्तर साधनानि

श्रवणम्, भाषणम् पठनम्, वाचनम्, लेखनम्

Group-B (CONTENT)

UNIT- 4 : Elements of Sanskrit Language

संस्कृतभाषायाः मौलिकं ज्ञानम्

(अदृष्ट सन्दर्भगिता: प्रश्ना: (Comprehensiment to unseen passage)

One Passage from Prose (within 150 words)

सद्यभागस्य एकः सन्दर्भः (१५० शब्दमध्ये)

पञ्चतन्त्रतः हितोपदेशतः (From Panchatantra and Hitopadesha)

One verse from Purvamegha or Abhijnana sakuntalam

Word meming, Sandhi, Karaka Vibhukti Samasa, Prakriti Pratyaya

UNIT- 5 : Language Item, भाषागता विषयाः

Parts of Speech - भाषा विभाग

शब्दरूपम्, धातुरूपम्, विशेषणम्, सर्वनाम, संख्यावाचक विशेषणम्

शब्दरूपम् - बालक, फल, लता, मुनि, पति, मति, वारि, नदी, भानु, धेनु, मधु,
वधु, पितृ, मातृ, गो, गुणिन् राजन्, गच्छत्

विशेषण सर्वनाम - सर्व, तद्, यद्, किम्, इद्म्, अस्मद्, युष्मद्

संख्यावाचक - एक, द्वित्रि, चतुर, पञ्च, षड्

पूरणवाचक - प्रथम्, द्वितीय इत्यादि

शब्द निर्माणम् - उपसर्गः, कृदन्तः स्त्रीप्रत्ययः

शब्दज्ञानम् - व्याकरणगताः पारिभाषिकाः शब्दाः

सन्धिः, णत्वविधिः, धत्वविधिः

शब्दरूपधातुरूपगतवर्गशुद्धिः :

Unit - 6 : Contributions of famous poet and authors to Sanskrit literature
(Prose, Poetry, Drama and composition.

Bhasa, Kalidas, Bhababiti, Dandin : Banabhatta

Bhartrihari - Jayadev Trivikrambhatta Sriharsa

Physical Education Teacher

PHYSICAL EDUCATION (130 Marks)

1. Principle and History of Physical Education

- Meaning, Objectives, Aims of Physical Education
- Relationship of Physical Education to General Education, Health Education and Recreation.
- Importance of Physical Exercise, Physical Training and Physical Culture.
- Physical Education as a Socializing agencies.
- Leadership and its importance, qualification and qualities of a Physical Education Teacher
- Contribution of Physical Education Teachers to General Education
- Scout and Guides, NCC, JRC, SGFI, NFC and its contributions
- Contribution of Yoga in modern civilization
- Olympics and Asian Games
- Teachers Training and Professional preparation in Physical Education

2. Sports Psychology

- Meaning and importance in Physical Education
- Mental Process Body, Mind, Relationship and Neuro-muscular Coordination
- Transfer of training, Theories of Play, Learning processes and play way in education.
- Individual differences as personality, mental hygiene and child guidance
- Discipline and behaviour: Nature and Development

3. Organization, Administration and Recreation

- Importance, objectives and guiding principles, Construction and care of gymnasium and swimming pools, Preparation of different playground
- Need, purchase and maintenance of sports equipment's and maintenance of different registers and records,
- Preparing time-table and factor affecting time table in physical Education and Sports
- Scheduling school sports, Problem in school sports, Intramural and extramural competitions.
- Preparation of Budget, accounting and auditing
- Importance of Recreation in human life

4. Anatomy Physiology and Health Education

- Joints structure, Types and Movements Of the Joints, Importance of Good Posture and Remedies of Bad Posture
- Effect of regular- activities on muscles, heart and respiratory System
- Fatigue, its causes and remedies
- Blood pressure, oxygen debt, second wind
- Importance of health education and the role of Physical Education Teachers in School Health Programme
- Medical Examination, effects of narcotics and drugs
- Nutrition and importance of diet for players and athletes
- Different diseases and their symptoms, detection, care and prevention of diseases like Cholera, Diarrhea, Chicken POX, Measles, Tetanus, Diphtheria and Malaria

5. Methods of Physical Education

- Meaning, Scope and Importance of Methods in Physical Education
- Drill and Marching Commands, Teaching aids, various methods of teaching physical activities, Games, Sports and Indigenous activities.
- Various Tournaments and Competitions
- Test, Measurement and Evaluation in Physical education, National Physical Efficiency Test.
- Layout of the track and field events and different playgrounds
- Demonstration and Exhibitions, Awards and incentives.
- Lesson Planning — General and Specific

6. Officiating and Coaching

- The qualities of a good official, relation of officials with management, coaches, players and spectators
- Duties of the officials
- Promoting and maintaining different games, publicity, arrangement of training camps and schedules
- Conditioning of players and teams - General, Fundamental, Workload
- Warming up - Types and Values
- Various training methods - Isometric and Isotonic exercises, Circuit training, Weight Training, Fartlek Training and Interval Training
- Play of various positions in Games
- Officiating of different games and track and field events - its rules, signals and positional play
- Track and Field events, Major games like Kho-Kho, Kabaddi, Volleyball, Football, Basketball, Soft ball, Cricket, Hockey and Badminton

Urdu Techer

Urdu (130 Marks)

- Prose
- Poetry
- Drama, Novel & Short story
- Grammar
- Pedagogy
- Comprehension and contribution of Famous Urdu Writers

Unit-1 (Prose) :

- Hindustani Tahzib Ke Anasir (Syed Ehtesham Hosen)
- Qaumi Yakjehati (Prem Chand)
- Hamari Azadi (Abul Faiz Sahr) – NCERT
- Odisha Men Urdu Zaban Ka Irteqa (BSE, Odisha)

Unit-2 (Poetry) :

- Banjara (Nazir Akberabadi)
- Jalwa-e-Darbar-e-Delhi (Akbar Allahabadi)
- Ek Arzoo (Dr. Mohammed Iqbal)
- Einstein Ki Wafat Per (Dr. Karamat Ali Karamat)
- Makhli Choos (Faizi Sambalpur)
- Ghazaliyat (Meer, Dard, Ghalib, Hasrat)

Unit-3 (Drama, Novel & Short Story) :

- Khana Jangi (Prof. Mohammed Mujeeb)
- Umrao Jan e Ada (Mirza Hadi Ruswa)
- Urdu Ke Tera Afsane (Athar Parwez)
(Kafan, Anandi)

Unit-4 (Grammar) :

- Ism, Fel, Harf
- Zameer
- Sifat
- Jumla Sazi
- Sabeqa-o-Laheqa
- Imla
- Mutashabih Aur Mutazad Alfaz
- Mohaware Aur Zarbulamsal
- Izafat
- Ghalat Jumle Aur Unka ^{Islah} Istemaal

Unit-5 (Pedagogy) :

- Urdu Parhne Ke Agraz O Maqasid
- Madri Zaban Ke Taleem Ki Ahmiyat
- Ijmali Aur Tafsili Motalla Per Maharat
- Tadrise-Nasr-O-Nazm
- Qawaid
- Dars-O-Tadrise Men Zimni Motalla
- Isharaat-e-Sabaq
- Janch Ke Mukhtalif Tariqe
- Tahrii Maharat

Unit-6

Question from Unseen Passage and contribution of Famous Urdu Writers :

- Altaf Hosen Halli
- Neyaz Fateh Puri
- Ali Sardar Jafri
- Amir Khusroo
- Majrooh Sultanpuri

لیٹ۔ ۱ نمبر

- ہندوستانی تہذیب کے عناصر (سید احتشام حسین)
- قومی یکجہتی (پریم چند)
- ہماری آزادی (ابوالفیض سحر)
- اڈیشا میں اردو زبان کا ارتقاء (ہورڈ آف سینڈری انجیکشن)

لیٹ۔ ۳

ڈراما، ناول، مختصر افسانے

- | | | | |
|----------------------------|---------------------|--------------------------|-------------------|
| (پرفیسر محمد مجیب) | خانہ جنگی | (ظہیر اکبر آبادی) | بنجارا |
| (مرزا احادی رسوا) | امراؤ جان ادا | (اکبر الہ آبادی) | جلوہ دربار دہلی |
| (کفن، آئندگی) (اطہر پروین) | اردو کے تیرہ افسانے | (ڈاکٹر محمد اقبال) | ایک آرزو |
| | | (ڈاکٹر کرامت علی بکراکت) | آئن سٹائن کی وفات |
| | | (فیض سہیل پوری) | کبھی چوس |
| | | (میر، درد، غالب، حسرت) | غزلیات |

پونٹ ۴ قواعد

- اسم، فعل، حرف، ضمیر
- صفت
- جملہ سازی
- سابقہ و لاحقہ
- اظہار
- تشابہ اور تضاد الفاظ
- غلط جملے اور ان کی اصلاح
- اضافت
- محاورے اور ضرب الامثال

پونٹ ۵ پڑا کوئی

- اردو پڑھنے کے اغراض و مقاصد
- مادری زبان کے تعلیم کی اہمیت
- اجماعی اور تفصیلی مطالعہ پر مہارت
- تدریس تیز و لگن
- قواعد
- درس و تدریس میں ضمنی مطالعہ
- اشارات سبق
- جانچ کے لائق طریقے
- تحریری مہارت

پونٹ ۶ تا خواجہ مہارت سے سوال اور مشہوراد ہا کی خدمات

- تا خواجہ مہارت سے سوال
- مشہوراد ہا کی خدمت
- الطاف حسین حالی، نیاز فتح پوری، علی سردار جعفری، سید امیر خسرو، محمود حسن خان پوری