

Syllabus for ODISHA SECONDARY SCHOOL TEACHER ELIGIBILITY TEST (OSSTET)

The Odisha Secondary School Teacher Eligibility test shall be conducted once in a year or as decided by Government according to need.

- 1. The Odisha Secondary School Teacher Eligibility Test shall be conducted for the following categories of teachers. They are required to appear the test as indicated below:**

Category – I (Paper- I)

- a) T.G science (PCM/ CBZ)
- b) T.G Arts
- c) Hindi Teacher
- d) Classical Teacher (Sanskrit)
- e) Urdu Teacher
- f) Telugu Teacher

(The candidates under this category shall appear the test in paper – I)

Category – II (Paper-II)

- a) PET

(The candidates under this category shall appear the test in Paper-II)

2. Applicability

OSSTET is applicable to all candidates who poses requisite academic and training qualification with requisite percentage of marks and to all candidates pursuing the final year of the teacher training courses before the date of publication of advertisement for conducting OSSTET.

3. Eligibility

Persons having the required educational and training qualification as desired for different categories of post must have the basic qualification of Odia as MIL up to HSC level or higher examination or have passed Odia as a subject in specific examination conducted by BSE, Odisha of HSC standard or have passed HSC examination of BSE, Odisha in Odia medium with MIL other than Odia.

4. Syllabus :

The detailed syllabus structure for different categories of posts has been indicated below:

SYLLABUS STRUCTURE

Paper - I (for posts under Category - I)

Section	Subject Area	No. of Questions	Marks allotted	Eligible category of posts	Distribution of marks
I	Language - I MIL (Odia) Compulsory	20	20	Compulsory for all category of posts	20
II	Language - II (English) Compulsory	20	20	Compulsory for all category of posts	20
III	Mathematics and Science	60	60	For TG Science PCM / CBZ	For PCM Group Subjects Physics : 20 Chemistry : 20 Mathematics : 20 For CBZ Group Subjects Chemistry : 20 Botany : 20 Zoology : 20
	Social Studies	60	60	For TG Arts	History and Political Science : 15 Geography and Economics : 15 English : 15 Odia : 15
	Hindi / Sanskrit / Telugu / Urdu	60	60	For Hindi, Classical (Sanskrit), Telugu and Urdu Teacher	Hindi : 60 / Classical Teacher (Sanskrit) : 60 / Telugu : 60 / Urdu / 60
IV	Child Development, Pedagogy, School Management and Evaluation (Compulsory)	50	50	Compulsory for all category of posts	50

Paper – II (For Posts under Category-II)
(For PET Only)

Section	Subject Area	No. of Questions	Marks Allotted
I	Language - I MIL (Odia)	20	20
II	Language - II (English)	20	20
III	Physical Education	60	60
IV	Child Development, Pedagogy, School Management and Evaluation	50	50

4. Examination

- i. There shall be two papers of the OSSTET viz. Paper-I and paper-II as mentioned above
 - a) Persons having requisite academic and training qualification as per category-I have to appear in paper-I of the examination.
 - b) Persons having requisite academic and training qualification as per category-II have to appear in paper-II of the examination.
- ii. The duration of the test in each paper shall be 2½ hours. The total mark of the test is 150 for both Paper-I and Paper-II.
- iii. All questions will be Multiple Choice Question (MCQ), each carrying one mark with four alternatives out of which one answer is correct.
- iv. There shall be four sections in both paper-I and paper-II.
 - v. The language -I i.e. MIL (Odia) and language-II i.e. English shall be compulsory for all categories of posts in both paper-I and paper-II.
- vi. In section III – the questions in Science subject (PCM / CBZ) shall be in English. The questions in Arts subjects (Other than Opt. Odia) shall be in English. The questions in subject like Hindi, Classical (Sanskrit), Telugu & Urdu shall be in respective languages.
- vii. In section IV – the questions in Child Development, Pedagogy, School Management and Evaluation shall be in English and compulsory for both the category in both the papers.
- viii. There shall be no negative marking.

DETAILED SYLLABUS FOR CATEGORY-I APPLICANTS

Paper - I Section - I (20 Marks)

ପ୍ରଥମ ଭାଷା (Language-I : MIL - ODIA)

ଏହି ପାଠ୍ୟକ୍ରମରେ ପୂର୍ଣ୍ଣସଂଖ୍ୟା ୨୦ ଏବଂ ଏଥିପାଇଁ ୨୦ଟି ପ୍ରଶ୍ନ ରହିବ ।

ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ମୂଲ୍ୟ - ୧ ନମର । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର କ୍ରମସଂଖ୍ୟା କେବଳ ୧, ୩, ୪ କ୍ରମରେ ପ୍ରତି ପ୍ରଶ୍ନ ସହ ଉଚିତ୍ ସଂଭାଷ୍ୟ ଉତ୍ତର ଦିଆଯାଇଥିବ, ତା'ମଧ୍ୟରୁ ସବୁଠାରୁ ଉପଯୁକ୍ତ ଉତ୍ତରକୁ ବାଛିବାକୁ ହେବ ।

ନିମ୍ନ ପ୍ରକର ବିଷୟମାନଙ୍କରୁ ପ୍ରଶ୍ନ ପ୍ରସ୍ତୁତ କରାଯିବ ।

୧. ଅବଦେଧ ପରୀକ୍ଷା : ପ୍ରାୟ ୧୫୦ ଶବ୍ଦ ବିଶିଷ୍ଟ ଏକ ଉପ୍ୟାସ ପ୍ରଦାନ କରାଯାଇ, ତା'ର ଆଧାରରେ ୫ଟି ପ୍ରଶ୍ନ କରାଯିବ । ପ୍ରତିପ୍ରଶ୍ନର ୪(ଉଚିତ୍)ଟି ଲେଖାଏଁ ସମ୍ଭାଷ୍ୟ ଉତ୍ତର ପ୍ରଦାନ ହୋଇଥିବ । ପରୀକ୍ଷାର୍ଥୀ ତା' ଭିତରୁ ସବୁଠାରୁ ଉପଯୁକ୍ତ ଉତ୍ତରଟିକୁ ବାଛିବାକୁ ହେବ । ପ୍ରତି ଉପଯୁକ୍ତ ଉତ୍ତର ପାଇଁ ୧ ନମର ।
୨. ପଦ ନିର୍ଦ୍ଦେଶ : ଗୋଟିଏ ନିର୍ଦ୍ଦେଶ ବାକ୍ୟ ଦିଆଯାଇ ତହିଁରୁ ଗୋଟିଏ ପଦକୁ ଚେଷ୍ଟାକ୍ରିତ କରି ସେହି ପଦଟିକୁ ଚିହ୍ନିବା ପାଇଁ ପ୍ରଶ୍ନକରାଯିବ । ଏଥିପାଇଁ ଉଚିତ୍ ସଂଭାଷ୍ୟ ଉତ୍ତର ଦିଆଯିବ; ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ ।
ଏହି ପରି ବିଶେଷ୍ୟ / ସର୍ବନାମ / ବିଶେଷଣ / ଅବ୍ୟୟ ; କ୍ରିୟାପଦ ଉଚ୍ୟାଦି ୫ ପ୍ରକାର ମଧ୍ୟରୁ ୨ପ୍ରକାରର ୨ଟିକୁ ଚିହ୍ନିବାକୁ ହେବ । ଏଥିପାଇଁ ଭିନ୍ନ ଭିନ୍ନ ଦୁଇଟି ବାକ୍ୟ ମାଧ୍ୟମରେ ଦୁଇଟି ପ୍ରଶ୍ନ କରାଯିବ ।
୩. ବାକ୍ୟ ପରିଚିତି : ସରଳ, ଯୌଗିକ, ଓ ଜଟିଳ ବାକ୍ୟ ତିନି ଦୂରପ୍ରକାର ବାକ୍ୟର ମିଶ୍ରରୂପ ଭିତରୁ କେଉଁକିଏ ବାକ୍ୟଟି ପ୍ରଶ୍ନରେ ଦେଇ ତାହାର ପ୍ରକାର ଚିହ୍ନିବାକୁ କୁହାଯିବ । ସଂଜ୍ଞାବଳୀ ବ୍ୟବହାର ଉଚିତ୍ପ୍ରକାର ଉତ୍ତର ଦିଆଯିବ, ତା'ମଧ୍ୟରୁ ପରୀକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ ।
୪. ଶବ୍ଦ / ଷ୍ଟ ବ୍ୟୁତ୍ପତ୍ତି : ୨ଟି ମଧ୍ୟରୁ ଗୋଟିଏ ଆଧାରରେ ପ୍ରଶ୍ନ ପ୍ରସ୍ତୁତ କରି ୪ଟି ସମ୍ଭାଷ୍ୟ ଉତ୍ତର ଦେଇ ଗୋଟିଏ ବାଛିବାକୁ କୁହାଯିବ ।
୫. ସାଧାରଣ ଅଶୁଦ୍ଧି : ଶବ୍ଦ ଓ ବାକ୍ୟ ପ୍ରତ୍ୟେକରୁ ଗୋଟିଏ ଲେଖା ପ୍ରଶ୍ନ ଦିଆଯାଇ ସେଥିରୁ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ କୁହାଯିବ ।
୬. ଭୂତ୍ତି: ୨ଟି ପ୍ରଶ୍ନ ଦିଆଯାଇ ପ୍ରତ୍ୟେକର ଉଚିତ୍ ସମ୍ଭାଷ୍ୟ ଅର୍ଥ ଦିଆଯିବ ଓ ଠିକ୍ ଉତ୍ତର ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।
୭. ଅନୁବାଚନ : ଅନୁପ୍ରାସ, ଉପମା, ଉଚ୍ଚପ୍ରକ୍ଷା, ରୂପକ, ଶ୍ଳେଷ - ୫ଟି ଅନୁବାଚନ ମଧ୍ୟରୁ ୨ଟି ସ୍ୱତନ୍ତ୍ର ଭାବେ ଦିଆଯାଇ ଅନୁବାଚନ ଚିହ୍ନିବାକୁ ପ୍ରଶ୍ନକରାଯିବ। ସମ୍ଭାଷ୍ୟ ଉଚିତ୍ ଉତ୍ତରରୁ ଗୋଟିଏ ବାଛିବାକୁ ବ୍ୟବସ୍ଥା କରାଯିବ ।
୮. ଦୂତନ : ଗୋଟିଏ ଦୂତନ ନିଷ୍ପନ୍ନ ପଦର ଗଠନ ତିନି ପ୍ରତ୍ୟେକ ଚିହ୍ନିବାକୁ ପ୍ରଶ୍ନକରାଯିବ । ୪ଟି ସମ୍ଭାଷ୍ୟ ଉତ୍ତର ଦିଆଯାଇ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।

୯. ଚର୍ଚ୍ଚିତ : ଗୋଟିଏ ଚର୍ଚ୍ଚିତ ନିଷ୍ପନ୍ନ ପଦ ଦିଆଯାଇ ପ୍ରତ୍ୟେକ ନିର୍ଣ୍ଣୟ କିମ୍ବା ଗୁଣିତ ଚିହ୍ନକୁ ଶବ୍ଦ ମଧ୍ୟରୁ ଚର୍ଚ୍ଚିତ ନିଷ୍ପନ୍ନ ଠିକ୍ ଶବ୍ଦଟିଏ ରଖି ତାକୁ ଚିହ୍ନିବାକୁ କୁହାଯିବ ।
୧୦. ସମାସ : ତରଫୁରୁଷ, କର୍ମଧାରୟ, ବହୁରୁହି, ଦ୍ୱିଗୁ, ଦ୍ୱୟ, ଅବ୍ୟୟାତ୍ତାବ ସମାସ ମଧ୍ୟରୁ ୨ଟି ପ୍ରଶ୍ନ କରାଯାଇ ସମାସ ଚିହ୍ନିବାକୁ କିମ୍ବା ବ୍ୟାସ ବାକ୍ୟ ଦିଆଯାଇ ସମାସ ନିଷ୍ପନ୍ନ ପଦ ନିର୍ଣ୍ଣୟ କରିବାକୁ ଦିଆଯିବ । ଏଥିପାଇଁ ପ୍ରତିଟିର ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ପ୍ରଦାନ କରି ଠିକ୍ ଠିକ୍ ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।
୧୧. ବିଭକ୍ତି : ବାକ୍ୟଟିଏ ଦିଆଯାଇ ସେଥିରୁ ରେଖାଙ୍କିତ ପଦର ବିଭକ୍ତି ଚିହ୍ନିବାକୁ କୁହାଯିବ ଏବଂ ଏଥିପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯାଇଥିବ ।

Section II English - 20 Marks

1. Comprehension:

- | | | |
|-----------|---|----------|
| a) | From an unseen passage in about 100 words | 05 marks |
| b) | From a Poem | 05 marks |
| c) | Grammar and Usage | 07 marks |
| d) | Speaking (commonly mispronounced words) | 03 marks |

Testing of reading comprehension of an unseen passage through:

A.

1. Global questions (Skimming to get the gist)
2. Factual questions (scanning to locate specific information)
3. Referential questions (What / Who does 'a pronoun' stand for in the given passage)
4. Inferential questions - draw inference based on the context

B.

1. Vocabulary - antonyms, synonyms
2. Language usage

Testing reading comprehension of a poem through :

1. Global question
2. Factual questions
3. Vocabulary in the text - antonym, synonym, meaning as conveyed in the text
4. Inferential questions
5. Appreciation questions on rhyming etc.

Testing of Grammar and Usage in the following areas :

1. Prepositions
2. Direct and indirect speech
3. Passives

4. Tense
5. Identification of error in a sentence
6. Phrasal Verbs
7. Clause Patterns
8. Punctuations
9. Types of sentences
10. Spelling
11. Agreement of verbs with subjects

Section III
TG Science : (PCM / CBZ)

PCM : This section shall carry the questions from Physics, Chemistry and Mathematics subjects with equal proportion of marks:

PHYSICS SYLLABUS

Unit – 1 Motion

03 Marks

Newton's laws of motion, Kinematic Equations of motion with acceleration, Graphical representation of Kinematic 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, Frictional force.

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

Motion under Gravity, projectile motion.

Simple harmonic motion and Kinematics of Simple Harmonic Motion, Simple Pendulum.

Unit – 2 Gravitation

02 Marks

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

03 Marks

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 equal-partition of energy, Universal Gas laws, Measurement of pressure.

Surface tension, surface energy, angle of contact, excess pressure, capillarity, viscosity, Poiseuille's law, Stoke's Law, Bernoulli's Equation of fluid motion.

Hydrostatics, Buoyancy, Archimedes Principle, laws of flotation.

Unit - 4 Sound

02 Marks

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

Unit - 5 Optics

03 Marks

Laws of Reflection and Refraction in transparent medium, total internal reflection, Refraction through prism, Dispersion, Reflection and image formation in plane 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, Huygen'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

02 Marks

Coulomb's law and unit of charge, force on a 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, combination of capacitors in series and parallel.

Unit – 7 Current Electricity**03 Marks**

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**02 Marks**

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).

CHEMISTRY**Total marks : 20****1. Basic Concepts****02 Marks**

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

2. States of Matter**1+1 Marks**

Gas laws – Boyle's law, Charles's 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).

3. Structure of Atom

02 Marks

Bohr's model and its limitations, concept of shells and sub-shells, dual nature of matter and light. De Broglie's relationship, Heisenberg uncertainty principle, concept of orbitals, quantum numbers, shape of s, p and d orbitals, rules of filling electrons in orbitals – Aufbau principle and Hund's rule, electronic configuration of atoms, stability of half-filled and completely filled orbitals.

4. Classification and Elements and Periodicity in Properties

02 Marks

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, electronegativity, valency.

5. Chemical Bonding and Molecular Structure

02 Marks

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.

6. Chemical Reactions

02 Marks

Types of chemical reactions, redox reaction, oxidation number calculation, balancing of redox equations by oxidation number and ion-electron methods. Neutralization reactions and volumetric analysis.

7. Chemical Equilibria and Ionic Equilibria

**01+01
Marks**

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

8. General Principles of Extraction of Metals

02 Marks

Occurrence of metals, ores and minerals, concentration, calcinations, roasting, smelting, reduction methods (carbon reduction, aluminothermic process, electrolytic and self-reductions) and metal extraction, flux and slag,

refining of metals. Reactions involved in the Blast Furnace for the extraction of iron.

9. Some Basic Principles in Organic Chemistry **02 Marks**

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

10. Hydrocarbons **01+01 Marks**

Classification of Hydrocarbons :

- i) Aliphatic Hydrocarbons : General methods of preparation, properties and uses of alkanes, alkenes and alkynes.
- ii) Aromatic Hydrocarbons : Benzene : resonance aromaticity, chemical properties, directive influence of functional group in monosubstituted benzene.

MATHEMATICS

20 questions are to be asked. Each question carries 01 mark

1. Set Theory and its Application **01 Mark**

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

2. Relations and Functions **02 Marks**

- Reflexive, Symmetric, transitive and equivalence relations, injective, surjective and bijective functions, inverse of a function.

3. Number System **01 Mark**

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

- 4. Quadratic Equations** **01 Mark**
- Fundamental theorem of Algebra, roots, discriminants, nature the roots, relation between the roots and coefficients.
- 5. Group** **01 Mark**
- Group, semi-group, monoid, finite group, abelian group, sub-group, co-set, Lagrange's theorem, normal sub-groups.
- 6. Calculus of One Variable** **02 Marks**
- Limit, continuity, derivative, tangent, normal, increasing and decreasing functions.
- 7. Sequence and Series** **02 Marks**
- Arithmetic and Geometric progressions, monotonic sequence, exponential series, logarithmic series, Taylor's series, Maclaurin's series.
- 8. Coordinate Geometry** **02 Marks**
- Distance formula, section formula, area of a triangle, locus and its equation, straight line, circle, conic section.
- 9. Analytical Solid Geometry** **01 Mark**
- Plane, straight line, sphere
- 10. Probability** **01 Mark**
- Trial, Sample Point, Sample Space, Event, Addition Theorem, Binomial Distribution.
- 11. Statistics** **01 Mark**
- Mean, Mode, Median, Mean Deviation, Standard Deviation, Variance.
- 12. Trigonometry** **02 Marks**
- Angles associated with 90° , 180° , 270° , 360° , compound angle formula, multiple angle formula, sub-multiple angle formula, Trigonometric Equations, Inverse trigonometric functions

13. Mensuration**02 Marks**

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

14. Determinant and Matrix**01 Mark**

- Determinant, minors, co-factors, Cramer's Rule, Matrix, Singular, Non-singular, Transpose, Ajoint Inverse, Solution of Equations by Matrix method.

CBZ : This section shall carry the questions from Chemistry, Botany and Zoology subjects with equal proportion of marks:

CHEMISTRY

As indicated in the PCM Syllabus

BOTANY

1. Plant Diversity and Conservation**04 Marks**

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

2. Tissue System**03 Marks**

- 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**03 Marks**

- Structure and Photosynthetic pitments, Light reaction : llight absorption, electron transport and photophosphorylation, Dark

reaction - CO₂ fixation by C₃, C₄ and CAM plants, photorespiration.

4. Growth Regulators in Plants **02 Marks**

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

5. Reproduction in Plants **04 Marks**

- Vegetative Reproduction : Fission, budding and cutting (grafting) and propagation in angiosperms.
- A Sexual Reproduction : Sporulation, Comidia 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 **02 Marks**

- 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 **02 Marks**

- 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

Full Marks : 20

1. Taxonomy **01 Mark**

- Five kingdom classification, Characteristics and Examples of each animal phylum (in case of phylum chordata up to classes) (01 question)

2. Cytology **02 Marks**

- Cell structure and cell division (mitosis and meiosis), DNA and RNA (02 questions)

3. Genetics**02 Marks**

- Linkage, Crossing over, Mutation, Chromosomal aberration and chromosomal mechanism of sex determination (02 questions)

4. Evolution**02 Marks**

- Darwinism, Modern Synthetic theory of evolution (variation, selection and isolation) (02 questions)

5. Ecology**02 Marks**

- Eco-system, Food Chain and Food web, Energy Flow, Ecological Pyramids, Renewable and Non-renewable energy resources, Bio-diversity (meaning and conservation), Causes, Effects and Control of Air Pollution (02 marks)

Life Processes:**6. Nutrition****01 Mark**

- Types of food and types of nutrition, names and functions of digestive enzymes (01 question)

7. Respiration**02 Marks**

- Types of respiration (aerobic and anaerobic) Glycolysis and Krebs cycle (02 questions)

8. Circulation**02 Marks**

- Blood (composition and function) in man, structure and working of human heart (02 questions)

9. Excretion**02 Marks**

- Human kidney (structural details), mechanism of urine formation (02 questions)

10. Control and Coordination**02 Marks**

- 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 (02 questions)

11. Reproduction and Development

Marks

Structure of goruda (ovary and testes) and gamotes In man, Fertilization, Types of clearage (02 questions)

Section III TG Arts (Social Studies)

The syllabus for TG Arts (Social Studies) shall be compulsory for all TG Arts category candidates. The distribution of marks for this section has been given under "Scheme of Examination for OSSTET" attached at Annexure-II of the guideline for conduct of OSSTET, 2021 (2nd). The said distribution of marks is also given below.

Stream	Subjects	No of Questions	Full Marks	
TGT (Arts)	Odia	15	15	60
	English	15	15	
	History & Pol Sc.	15	15	
	Geography & Economics	15	15	

HISTORY + POLITICAL SCIENCE (15 Marks)

HISTORY

1. Great Rulers of Ancient India

- Asoka – 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 Mourya 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, Alauddin Khilji 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 Cornwallish
- Subsidiary Alliance
- Reforms of Lord William Bentinch
- Doctrine of Lapse

7. Growth of Indian 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. Chief Secretary and District Collector
6. Local Governance – Urban and Rural
7. Political Parties and Pressure Group
8. Electoral Process and Election Commission
9. India's Foreign Policy and its relation with neighbours
10. United Nations – General Assembly, Security Council Human Rights
11. Socialism, Liberalism, Democracy, Authoritarianism, Welfare State and Globalization
12. Kautilya, Raja Ram Mohan Roy, Bal Gangadhar Tilak, Swami Vivekananda, Mahatma Gandhi, Nehru, B.R. Ambedkar

GEOGRAPHY + ECONOMICS (15 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 land 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, PQLI, 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

5. Emerging Concerns of Indian Economy

- Inclusive growth, financial inclusion, Food security and PDS, Consumer awareness, Economic reforms

Section III **ENGLISH (15 Marks)**

1. Comprehension :

- a) An unseen passage in about 150 words **03 MARKS**
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) **03 MARKS**
Questions testing factual, understanding ,
Referential, appreciative aspects including
Vocabulary in context)

2. Grammar and Usage

04 MARKS

Testing of Grammar and Usage in the following areas :

1. Prepositions
2. Direct and Indirect Speech
3. Passives
4. Tense
5. Identification of error in a sentence
6. Phrasal Verbs
7. Clause patterns
8. Punctuations
9. Types of Sentences
10. Spelling
11. Agreement of Verbs with subjects

3. Speaking (commonly mispronounced words)

01 MARK

4. Pedagogy

04 MARKS

- a) Importance of teaching / learning English in the present context
- b) Objectives of teaching / learning English with reference to language skills and sub-skills
- c) Language acquisition Vs. Language Learning / Mother tongue Vs. Second language learning

- d) Strategies of teaching / learning English with special reference to NCF-2005
- e) Planning the various stages for teaching / learning – Prose, Poetry, Grammar and composition lessons
- f) Stages of planning for a text (pre-reading, while-reading and post-reading)
- g) Assessment of language skills : tools and techniques with reference to Continuous and Comprehensive Assessment

And
Section III
ODIA (15 Marks)

ଏହି ପାଠ୍ୟକ୍ରମର ପୂର୍ଣ୍ଣସଂଖ୍ୟା – ୧୫ ଏବଂ ଏଥିପାଇଁ ୧୫ଟି ପ୍ରଶ୍ନ ରହିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର କ୍ରମସଂଖ୍ୟା କେବଳ ୧,୨,୩,୪ କ୍ରମରେ ୧୫ ଯାଏ ରହିବ । ପ୍ରତି ପ୍ରଶ୍ନ ସହ ୪ (ଚାରି) ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯାଇଥିବ, ତା’ ମଧ୍ୟରୁ ସବୁଠାରୁ ଉପଯୁକ୍ତ ଉତ୍ତରଟିକୁ ବାଛିବାକୁ ହେବ ।

ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ମୂଲ୍ୟ ୧ ନମ୍ବର ।

- ୧. ଅବବୋଧ ପରୀକ୍ଷଣ : ପ୍ରାୟ ୧୫୦ ଶବ୍ଦ ବିଶିଷ୍ଟ ଏକ ଗଦ୍ୟ ଅନୁଚ୍ଛେଦ ପ୍ରଦାନ କରାଯିବ । ପ୍ରତିପ୍ରଶ୍ନର ୪(ଚାରି)ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ପ୍ରଦାନ ହୋଇଥିବା ପରୀକ୍ଷାଣୀ ତା ଭିତରୁ ସବୁଠାରୁ ଉତ୍ତରଟି ବାଛିବାକୁ ହେବ । ପ୍ରତି ଉପଯୁକ୍ତ ଉତ୍ତର ପାଇଁ ୧ ନମ୍ବର ରହିବ । (୧)
- ୨. ଲେଖା ଓ ଲେଖକ : ସାରଳା ଦାସ, ଜଗନ୍ନାଥ ଦାସ , ଉପେନ୍ଦ୍ର ଭଞ୍ଜ, ଭୀମଭୋଇ, ପଦ୍ମାବତୀନାଥ, ଗୋପାଳଚନ୍ଦ୍ର ପ୍ରହରାଜ, ଗୋପୀନାଥ ମହାନ୍ତି – ୭ ଜଣ ଲେଖକଙ୍କର ଗୋଟିଏ କୃତ୍ତିର ନାମ ଉଲ୍ଲେଖ କରାଯାଇ ଲେଖକଙ୍କ ନାମ ପ୍ରଶ୍ନ କରାଯିବ ତିନି ଲେଖକଙ୍କ ନାମ ଦିଆଯାଇ ଭିନ୍ନ ଭିନ୍ନ ଚାରିଟି ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ କୁହାଯିବ । (୧)
- ୩. ପଦନିର୍ଣ୍ଣୟ : ଗୋଟିଏ ନିର୍ଦ୍ଦିଷ୍ଟ ବାକ୍ୟ ଦିଆଯାଇ ତହିଁରୁ ଗୋଟିଏ ପଦକୁ ଲେଖାକିତ କରି ସେହି ପଦଟିକୁ ଚିହ୍ନାଙ୍କିବାକୁ ପ୍ରଶ୍ନ କରାଯିବ । ଏଥିପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ପରୀକ୍ଷାଣୀ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ । ଏହିପରି ବିଶେଷ୍ୟ/ ସର୍ବନାମ / ବିଶେଷଣ / ଅବ୍ୟୟ କ୍ରିୟାପଦ ଇତ୍ୟାଦି ଚିହ୍ନାଙ୍କିବାକୁ ହେବ । (୧)
- ୪. କୃତକ : କୃତକ ନିଷ୍ପନ୍ନ ପଦର ଉଠନ ତିନି ପ୍ରତ୍ୟୟ ଚିହ୍ନାଙ୍କିବାକୁ ପ୍ରଶ୍ନ କରାଯିବ । ପ୍ରତ୍ୟେକରୁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯାଇ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ । (୧)
- ୫. ତହିତ : ତହିତ ନିଷ୍ପନ୍ନ ପଦ ଦିଆଯାଇ ପ୍ରତ୍ୟେକ ନିର୍ଣ୍ଣୟ ତିନି ୪ଟି ଭିନ୍ନଭିନ୍ନ ଶବ୍ଦ ମଧ୍ୟରୁ ତହିତ ନିଷ୍ପନ୍ନ ପଦ ଠିକ୍ ଶବ୍ଦଟିଏ ଉତ୍ତର ତାକୁ ଚିହ୍ନାଙ୍କିବାକୁ କୁହାଯିବ । (୧)

୬. ବାକ୍ୟ ପରିଚିତି : ସରଳ, ଯୌଗିକ, ଜଟିଳ ବାକ୍ୟ ବିନ୍ୟାସ ଦ୍ୱାରା ପ୍ରକାର ବାକ୍ୟର ମିଶ୍ରଣରୁ ଗଠିତ ହୋଇଥିବା ବାକ୍ୟଟିର ପ୍ରକାର ଦେଇ ତାର ପ୍ରକାର ଚିହ୍ନଟିକୁ କୁହାଯିବ । ସମାବେଶ ସରୂପ ୪ ପ୍ରକାର ଉତ୍ତର ଦିଆଯିବ, ତା ଭିତରୁ ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ । (୧)
୭. ସାଧାରଣ ଅଶୁଦ୍ଧି : ଶବ୍ଦ ଓ ବାକ୍ୟର ପ୍ରକାର ଦିଆଯାଇ ସେଥିରୁ ଠିକ୍ ଶବ୍ଦ ବିନ୍ୟାସ ବାକ୍ୟ ବାଛିବାକୁ କୁହାଯିବ । ଏଥିରେ ମାଟି ଅଶୁଦ୍ଧ ଶବ୍ଦ ବିନ୍ୟାସ ଓ ଗୋଟିଏ ଶୁଦ୍ଧ ଶବ୍ଦ ବା ବାକ୍ୟ ଥିବ, ସେଥିରୁ ଶୁଦ୍ଧଟିକୁ ବାଛିବେ । ଶବ୍ଦ ଓ ବାକ୍ୟ ପାଇଁ ଅଲଗା ପ୍ରଶ୍ନ ପଡ଼ିବ । (୧)
୮. ସନ୍ଧି : ସ୍ୱରସନ୍ଧି, ବ୍ୟଞ୍ଜନ ସନ୍ଧି ଓ ବିସର୍ଗସନ୍ଧି ମଧ୍ୟରୁ ଯେକୌଣସି ଗୋଟିଏ ସନ୍ଧି ନିଷ୍ପନ୍ନ ପଦନେତ୍ର ତାର ଠିକ୍ ବିଚ୍ଛେଦ ବାଛିବାକୁ ୪(ଚାରି)ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍ କୁ ବାଛିବେ । (୧)
୯. କାରଖା : ବାକ୍ୟଟିର ଦେଇ ଗୋଟିଏ ପଦକୁ ରେଖାଙ୍କିତ କରି ତାହା ଦେଖି କାରଖା ଚିହ୍ନଟିକୁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ବାଛିବାକୁ କୁହାଯିବ । (୧)
୧୦. ବିଭକ୍ତି : ବାକ୍ୟଟିର ଲେଖା ଦେଇ ଗୋଟିଏ ପଦକୁ ରେଖାଙ୍କିତ କରି ତାହା ଦେଖି ବିଭକ୍ତି, ଦିଆଯାଇଥିବା ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ବାଛିବାକୁ କୁହାଯିବ । (୧)
୧୧. ସମାସ : ଚତୁର୍ଭୁଷ, କର୍ମଧାରୟ, ବହୁବାହି, ଦ୍ୱିଗୁ, ଦ୍ୱୟ, ଅନୁକ, ଅନ୍ୟାନ୍ୟାଦି - ୭ଟି ସମାସ ମଧ୍ୟରୁ ପ୍ରଶ୍ନକରାଯାଇ ସମାସ ଚିହ୍ନଟିକୁ ବିନ୍ୟାସ ବାକ୍ୟ ଦିଆଯାଇ ସମାସ ନିଷ୍ପନ୍ନ ପଦ ଚିହ୍ନଟି ବାଛିବାକୁ ଦିଆଯିବ । ପ୍ରତିଟି ପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ବାଛିବାକୁ କୁହାଯିବ । (୧)
୧୨. ରୂପି : ଗୋଟିଏ ରୂପି ଦିଆଯାଇ ତାର ୪ଟି ସମସ୍ୟା ଅର୍ଥ ମଧ୍ୟରୁ ଠିକ୍ ଅର୍ଥଟି ବାଛିବାକୁ କୁହାଯିବ । (୧)
୧୩. ଛନ୍ଦ : ଛନ୍ଦ ପାଇଁ ଗୁଜରୀ, ନଟ ବାଣୀ, ବଙ୍ଗାବାସୀ, ଦାଣ୍ଡବର, ଗୋଷ୍ଠ - ୫ଟି ମଧ୍ୟରୁ ଗୋଟିଏ ଛନ୍ଦର ଉଦାହରଣ ଉଦ୍ଧାରକରି ଛନ୍ଦ ଚିହ୍ନଟିକୁ କୁହାଯିବ । ଏଥିପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । (୧)
୧୪. ଅଳଙ୍କାର : ଅନୁପ୍ରାସ, ଉପମା, ରୂପକ, ବ୍ୟତିରେକ, ଉଚ୍ଚପ୍ରେକ୍ଷା, ଅର୍ଥାନ୍ତରାସ-୬ଟି ମଧ୍ୟରୁ ଗୋଟିଏର ଉଦ୍ଧୃତି ଦେଇ ଅଳଙ୍କାର ଚିହ୍ନଟିକୁ କୁହାଯିବ । ଏଥିପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । (୧)
୧୫. ଏକ ପଦାକରଣ: ବାକ୍ୟର ପ୍ରକାର କରାଯାଇ ଏହାକୁ ଏକପଦରେ ପ୍ରକାଶ କରିବାକୁ କୁହାଯିବ ଏବଂ ଏକପଦ ରୂପ ଦିଆଯାଇ ଏହା ଅର୍ଥ ବ୍ୟାଖ୍ୟା ଚିହ୍ନଟିକୁ ପ୍ରଶ୍ନକରାଯିବ । ଏଥିପାଇଁ ଭିନ୍ନ ଭିନ୍ନ ପ୍ରଶ୍ନ କରିବା ଓ ପ୍ରତିଟି ପାଇଁ ୪ଟି ଲେଖା ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ; ସେଥିରୁ ଠିକ୍ ଠିକ୍ ବାଛିବାକୁ ହେବ । (୧)

Section III

TG : HINDI / SANSKRIT / URDU / TELUGU

The candidates aspiring to appear the test in any of the classical language subjects as mentioned above, must have to fulfil the basic eligibility criteria as has been mentioned in the Government Resolution in the Guideline for conducting OSSTET. The Syllabus for each subject area has been detailed below. The full mark for each subject area is 60. The medium of examination for these subjects shall be in the respective languages.

Hindi (60 Marks)

60 Marks

इस विभाग में कुल अंक 60 हैं। अतएव 1 अंकवाले 60 प्रश्नों के उत्तर देना है। प्रत्येक प्रश्न के चार विकल्प होंगे। सही विकल्प चुनना होगा। प्रश्न ज्ञान के स्तर की परीक्षा करने के अनुकूल होंगे।

UNIT- I (हिन्दी गद्य साहित्य)

20 अंक

(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 पियम्बदा - वापसी
- भीष्म साहनी - चीक की दावत
- (iv) नाटक -
 - जय शंकर प्रसाद - चन्द्रगुप्त
 - लक्ष्मीनारायण मिश्र - सिंदूर की होली
 - मोहन राकेश - आषाढ़ का एक दिन
- (v) संस्मरण / रेखाचित्र
 - महादेवी वर्मा - गौरा
 - रामवृक्ष बेनीपुरी - रज़िया
 - विष्णु प्रभाकर - अंष्टावक्र

UNIT- II (पद्य विभाग)

10 अंक

- (i) कवीर दास - दोहे - गुरु गोविन्द दोउ खड़े, पानी केरा बुद बुदा, माटी कहै कुम्भारसे, जलमें कुंभ, कस्तूरी कुंडल बसै, माली आपन, कल करै सो आज कर, साधु ऐसा चाहिए... । पद - माया महा ठमिनी ।
- (ii) सूरदास - बाल वर्णन - मैया मैं नहीं माखन, मैया मोहि दाऊ बहुत खिझायौ, जसुमति हरि पालनै, मैया कबहुँ बड़ेगी चोटी ।
भ्रमर गीत - अंधो मन मानेकी बात, ऊधो मन जहिँ दस बीस, निर्गुन कौन देसकौ, अधा मोहि ब्रज विसरत नहिँ ।
- (iii) तुलसी दास - केवट प्रसंग, भरत-महिमा
- (iv) बिहारी - मेरी सब बाधा हरौ, कनक कनक तैं, बतरस लालच, कहत नरत रीझत.. ।
- (v) मैथिलीशरण गुप्त - यशोधरा
- (vi) दिनकर - कुरुक्षेत्र (प्रथम तीन वर्ष)
- (vii) बच्चन - पथकी पहचान, जुगनू
- (viii) सुभद्राकुमारी - झाँसी की रानी

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

(x) पंत - प्रथम रश्मि, ताज

(xi) मिराला - संध्यासुंदरी, तोड़ती पत्थर

(xii) केदारनाथ सिंह - अकाल में दूब

(xiii) नागार्जुन - बहुत दिनों के बाद

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

20 अंक

भाषा अध्ययन :

- i) हिन्दी और ओड़िआ ध्वनियाँ (व्यतिरेकी ज्ञान)
- ii) शब्द निर्माण - प्रचलित उपसर्ग और प्रत्यय
- iii) संधि तथा समास
- iv) विलोम और पर्यायवाची शब्द
- v) शब्दों की सही वर्तनी और उच्चारण
- vi) संज्ञा : लिंग, वचन
- vii) कारक विभक्ति और विशेषण के मुख्य प्रकार
- viii) क्रिया : (क) भेद (सकर्मक, अकर्मक, सरल, मिश्र, यौगिक, प्रेरणार्थक)
(ख) काल- तीन कालों का मुख्य भेद
- ix) वाक्य : मुख्य भेद और परिवर्तन
- x) अति प्रचलित मुहाबरे और कहावतें

UNIT- VI (भाषा प्रयोग)

10 अंक

- i) गद्य पाठ विधि - परिचयात्मक प्रश्न, बाचन, 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 मूल वाक्य या वाक्यांश
- v) अपठित गद्य/पद्यांश - (छोटे-छोटे दो अंश)

उसमें से बोध / ज्ञान मूलक प्रश्न होंगे

- 0 -

Sanskrit (60 Marks)

GROUP – A (शिक्षादानपद्धतिः)

UNIT – 1 : Learning Sanskrit संस्कृतशिक्षणम् [10]

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

UNIT – 2 : भाषाप्रशिक्षणम् [10]

- व्याकरणानुवादपद्धतिः (Formal Grammar, Functional Grammar)
- प्रत्यक्षपद्धतिः (Preparation, Presentation, Comparison, Assimilation, (Direct method (Application)
- परोक्षपद्धतिः – (Indirect Method) अन्वयपद्धतिः Teaching Poetry
- आरोहपद्धतिः अस्याः पद्धतेः गुणाः दोषाः च
- अवरोहपद्धतिः

UNIT – 3 : भाषासाहित्यशिक्षणपद्धतिः [10]

Method of assessment learning Sanskrit language and literature.

गद्य-पद्यप्रशिक्षणपरीक्षणयोजना

Planning of assessment of teaching prose and poetry.

परीक्षणस्य योजनासाफल्यं च परीक्षणस्य अवान्तरसाधनानि

श्रवणम्, भाषणम्, पठनम्, वाचनम्, लेखनम्

GROUP – B (CONTENT)

UNIT – 4 : Element of Sanskrit language

संस्कृतभाषायाः मौलिकं ज्ञानम्

[10]

अदृशसन्दर्भगताः प्रश्नाः (Comprehension from an unseen passage from prose)

गद्यभागस्य एकः सन्दर्भः

पंचतत्रः हितोपदेशतः (From Panchatantra and Hitopadesha)

One verse from Purvamegha or Abhijnana Sakutalam

Word meaning, Sandhi, Karaka, Vibhakti Samasa, Prakriti Prataya.

UNIT – 5 : Language Item, भाषागतः विषयाः

Parts of Speech - भाषाविभागः

शब्दरूपम्, धातुरूपम्, विशेषणम्, सर्वनाम, संख्यावाचकविशेषणम्

शब्दरूपम् – बालक, फल, लता, मुनि, पति, मति, वारि, नदी, भानु, धेनु, मधु, वधू, पितृ, मातृ, गो, गुणिन्

राजन्, गच्छत्

विशेषणसर्वनाम – सर्व, तद्, यद्, किम्, इदम्, अस्मद्, युष्मद्

संख्यावाचक – एक, द्वि, त्रि, चतुर, पञ्च, षड्

पूरणवाचक – प्रथम, द्वितीय इत्यादि

शब्दनिर्माणम् – उपसर्गः, कृदन्तः, स्त्रीप्रत्ययः

शब्दज्ञानम् – व्याकरणगताः पारिभाषिकाः शब्दाः

सन्धिः, णत्वविधिः, षत्वविधिः

शब्दरूपधातुरूपगतवर्णशुद्धिः

UNIT – 6 : Contributions of famous poet and authors to Sanskrit Literature

[10]

(Prose, Poetry, Drama and composition.

Bhasa, Kalidas, Bhababiti, Dandin : Banabhatta

Bhartihari – Jayadev Trivikrambhata, Sriharsa

OSSTET

URDU (60 marks)

In Urdu there will be 60 questions in all. Each question will carry 1 (one) mark. There will be 4 (four) answers of each question. Out of them the correct answer will be selected. The question will be MCQ pattern.

➤ Prose	:	1 X 10	=	10 marks
➤ Poetry	:	1 X 10	=	10 marks
➤ Drama, Novel & Short story	:	1 X 10	=	10 marks
➤ Grammar	:	1 X 10	=	10 marks
➤ Pedagogy	:	1 X 10	=	10 marks
➤ Comprehension and contribution of Famous Urdu Writers	:	1 X 10	=	10 marks
Total				= 60 marks

Unit-1 (Prose) :

- Hindustani Tahzib Ke Anasir (Syed Ehtesham Husain)
- 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)
- Eintein Ki Wafat Per (Dr. Karamat Ali Karamat)
- Makkhi Choos (Faizi Sambalpur)
- Ghazaliyat (Meer, Dard, Ghalib, Hasrat)

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

- Khana Jangi (Prof. Mohammed Mujeeb)
- Umrao Jan 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 Unki Islah

Unit-5 (Pedagogy) :

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

Unit-6

Question from Unseen Passage and contribution of Famous Urdu Writers :

- Altaf Husain Hali
- Neyaz Fateh Puri
- Ali Sardar Jafri
- Amir Khusroo
- Majrooh Sultanpuri

OSSTET
URDU (60 marks)

اڈیشا سیکنڈری اسکول ٹیچرس ایسوسی ایشن ٹیسٹ

اُردو ۶۰ نمبرات

In Urdu there will be 60 questions in all. Each question will carry 1 (one) mark. There will be 4 (four) answers of each question. Out of them the correct answer will be selected. The question will be of MCQ pattern.

1x10=10

• نثر

1x10=10

• نظم

1x10=10

• ڈراما، ناول، افسانے

1x10=10

• گرامر

1x10=10

• پڑا گوئی

1x10=10

• نامعلوم عبارت اور مشہورادبا

پینٹ - ۱ نمبر

• ہندوستانی تہذیب کے عناصر (سید احتشام حسین)

• قومی یکجہتی (پریم چند)

• ہماری آزادی (ابوالغیث سحر)

• اڈیشا میں اردو زبان کا ارتقاء (پورڈ آف سیکنڈری ایجوکیشن)

پینٹ - ۲

ڈراما، ناول، مختصر افسانے

(پرفیسر محمد مجیب)

(مرزا احادی رسوا)

(کفن، آنتدی) (الطہر یونین)

خانہ جنگی

امراذجان ادا

اردو کے تیرہ افسانے

پینٹ - ۲ نظم

(نظیر اکبر آبادی)

(اکبر آبادی)

(ڈاکٹر محمد اقبال)

(ڈاکٹر کرامت علی کراکت)

(غیث سہلپوری)

(میر، درد، غالب، حسرت)

• پنجاب

• جلوہ دربار دہلی

• ایک آرزو

• آئن سٹائن کی دقات

• کمسی چرس

• غزلیات

پنٹ ۴ قواعد

- ام، فضل، جرف • طبر • صفت • جملہ سازی
- ساہوکار • اٹا • کتاب اور کتابدار الفاظ • لفظ جملے اور ان کی اصلاح
- اخوات • ماورے اور ضرب الامثال

پنٹ ۵ پیذاگوجی

- اردو پڑھنے کے اخراجات و مقاصد
- اردو زبان کے تعلیم کی اہمیت
- اعلیٰ اور تفصیلی مطالعہ پر مہارت
- تدریس ترقی
- قواعد
- مذکورہ تدریس میں ضمنی مطالعہ
- اشارات و نقل
- جانچ کے لائق طریقے
- تحریری مہارت

پنٹ ۶ اخراجات مہارت سے سوال اور مشہورادہ کی خدمات

- اخراجات مہارت سے سوال
- مشہورادہ کی خدمات
- لفظ مسین، مائی، ہمارے، پستی، ملی، سردار، پستی، سامیہ، خسرو، پرواز، سلطان، پستی

TELUGU (60 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

- Unit - 1 • భాష - మాతృభాష
 • మాతృభాష జాగ్రహణ లక్షణాలు
 • జాగ్రహణ వైఫల్యాలు
 • భాష - వివిధ భాషనలు .

- Unit - 2 • జాగ్రహణ పద్ధతులు
 • జాగ్రహణ క్రమం
 • జాగ్రహణ క్రమంకు ఉపకరణాలు
 • సాంకేతిక ప్రక్రియలు - జాగ్రహణ పద్ధతులు .

- Unit - 3 • విద్య - సాంకేతిక శాస్త్రం
 • సహపాఠ్య కార్యక్రమాలు.
 • ప్రణాళిక రచన
 • పాఠ్యక్రమాలు
 • వనరుల వినియోగం.
 • మూల్యంకణం .

- Unit - 4 • **GROUP "B"**
 • ఆపరిచిత పద్య భాగము / ఆపరిచిత గద్య భాగముపై ప్రస్థావన
 • పదముల ఆర్ణాలు • వ్యతీక ఆర్ణాలు • ప భాషా భాగము గుర్తించుట.
 • సుహృద్భావం • మహాభావం • ఆసుహృద్భావం మున్నగునవి .

- Unit - 5 • భాషాంశాలు :- ఉచ్చారణ - ధ్వని - ధ్వన్యత్పత్తి - స్థానాలు - పదము - ప్రాతిపదిక - ప్రశ్నయములు - కళలు - దృఢప్రకృతికాలు ; పదభాలు - సరళాలు ; భాషాభాగాలు ; వచనాలు, కాలాలు ; వింకం ; విభక్తులు ; విరామ చిహ్నాలు ; ఆర్ణాలు ; నానాార్ణాలు ; పుస్తకాలు ; పుస్తకార్ణాలు ; సమాపక-ఆపమాపక క్రియలు ; ఆకర్షక-సకర్షక క్రియలు ; వాక్యభేదాలు ; కర్మాధిక - కర్మాధిక వాక్యాలు ; ప్రశ్నార్థ - పరాగ్ వాక్యాలు ; వాక్య నిర్మాణం ; తత్పద - తత్పద దేర్శ, గర్భా, అన్యదేర్శ పదాలు మున్నగునవి . తెలుగు - సంస్కృత సంధులు ; సమాసములు ; తెలుగు జాతియములు - ఆక్షరవివరణ ; ఛందస్సు (ఉత్పలములు, దాపకములు, గౌర్యం, మత్తేభం; ఆటమెది, తటగతి, కంఠము), అలంకారములు .

- Unit - 6 • తెలుగు భాషాభివృద్ధికి ఆముఖ్య క్రాంతాలు .
 • నన్నయ :-
 "ఆంధ్ర మహాభారతం, ఆదిపర్వము, 4వ అధ్యాయం (120 - 165)
 "నరపరుడగు నతమనకు" నుండి "దివ్యభాష నొలంకృత" వరకు .
 • కొడవరిగిపరాజు :-
 దావికావన విజయం .
 సంవత్సర దృశ్యానిక - ఓకటవ అధ్యాయం (115 - 165)
 "సజ్జిత దానధర్మ" నుండి "బిల్లు విక్రమాద్భుతాన్ని" వరకు .
 • గరిమెట్ల సత్యనారాయణ :- "మాతృభాషా తెలుగుదేశం"
 • శ్రీశ్రీ :- "మహాప్రస్థానం"
 • విమల :- వంటిల్లు "ఎంత ఆక్షర మైనది" నుండి "దెంటరి వంటగదులు" వరకు

* * * * * 01. U.K. Gov. Prasadulu
 02. V. Paparao.

Section IV

CHILD DEVELOPMENT, PEDAGOGY, SCHOOL MANAGEMENT AND EVALUATION (50 MARKS)

This section shall comprise of the different subjects taught under the B.Ed. programme. The total marks for this section shall be 50 and the questions shall cover all the components with proportional weightage to each section. The Section IV is compulsory for all candidates appearing the Paper-I examination.

CHILD DEVELOPMENT (PROCESS OF GROWING UP)

1. Growth and Development

- **Concept and Principles of Development**
- **Difference between growth and development**
- **Factors influencing development (Nutrition, Intelligence , Psycho social, Heredity , environment, diseases , injury, Siblings & peers)**

2. Theories of development

- **Cognitive development theories of piaget**
- **Language development theories of noom chomscy)**
- **Social development theories of Erikson**
- **Moral development theories of Kohlberg**
- **Developmental characteristics during childhood (Physical, Social, Cognitive and emotional)**
- **Needs and problems at Childhood and adolescence**

3. Approaches to Understanding the Nature of Intelligence

- **Psychometric approach (Guilford , Gardner, Thurstone)**
- **Information Processing Approach - Sternberg**
- **Social Constructivist Approach – Vygotsky**

4. Addressing Problems of Adolescence

- **Role of Teachers, Parents and Community**
- **Development of Self-concept of adolescents**
- **Counseling Services for the adolescents**

LEARNING PROCESS / PEDAGOGY

1. Understanding the Learning Process

- **Learning as a process and as an outcome**
- **Relevance & applicability of theoretical perspectives on learning : Humanistic (Karl Rogers), Constructivist (Piaget and Vygotsky)**
- **Basic Conditions of learning : Readiness, Maturation, Motivation , Maturation, Attention, Task and Methods.**

2. Organizing Learning

Characteristics and Process of

- **Teacher-centric**
- **Learner-centric**
- **Learning-centric**

3. Critical Pedagogy

- **Concept, Characteristics, Stages & approaches of Critical Pedagogy**

4. Addressing Classroom Diversity

- **Using varieties of TLMs**
- **Using Context of the learner**
- **Using Variety of activities while group learning, small group learning and independent learning**
- **Adopting curriculum to the needs of children with special needs multilingual education.**

Educational (School) Management

1. Educational Management.

- Concept, Scope, Importance and Types :-
Centralized and decentralized, Democratic & Autocratic
- Structure at National , State, District , Sub-district (BRCCs, CRCs, SMCs, SMDC) and their roles.

2. School Development Plan (SDP)

- Meaning, Importance, Purpose
- Key Actions : Headmaster, Teachers, Students, Parents & SMDC)

3. School Based Management (SBM)

- Concept, Importance , Scope and Process
- Objectives of SBM
- Resource management : Sources, Utilization & Mobilization
- Infrastructural resources
- Financial Resources
- Human resources
- Community resources

ASSESSING THE LEARNER / PERFORMANCE (EVALUATION)

1. Assessment and Evaluation

- Assessment and evaluation in constructivists 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**
- **Portfolios, rubrics**

3. Test Construction

- **Steps and principles of Test Construction**
- **Development of blue print**
- **Preparation of test items**

4. Recent Developments In Assessment

- **Grading**
- **Assessment in co-scholastic area**
- **Implementation strategy of Continuous and Comprehensive Evaluation**
- **Recommendations of NCF – 2005**

**DETAILED SYLLABUS FOR CATEGORY – II (PAPER – II)
FOR PET ONLY**

**Section I
LANGUAGE-I (MIL-ODIA)**

ଏହି ପାଠ୍ୟକ୍ରମରେ ପୂର୍ଣ୍ଣସଂଖ୍ୟା ୨୦ ଏବଂ ଏଥିପାଇଁ ୨୦ଟି ପ୍ରଶ୍ନ ରହିବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର କ୍ରମସଂଖ୍ୟା କେବଳ ୧, ୨, ୩, ୪, କ୍ରମରେ ୨୦ ଯାଏ ରହିବ । ପ୍ରତି ପ୍ରଶ୍ନସହ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ତା' ମଧ୍ୟରୁ ସବୁଠାରୁ ଉପଯୁକ୍ତ ଉତ୍ତରଟିକୁ ବାଛିବାକୁ ହେବ । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ମୂଲ୍ୟ ୧ ନମ୍ବର ।

ପ୍ରଶ୍ନରେ ଶବ୍ଦ କିମ୍ବା ବାକ୍ୟ ପାଇଁ କ୍ରାନ୍ତୀ ସମ୍ଭାଷଣ ଉଦାହରଣ ହେଲେ ଭଲ ।

୧. ଅବବୋଧ ପରୀକ୍ଷଣ : ପ୍ରାୟ ୧୫୦ ଶବ୍ଦ ବିଶିଷ୍ଟ କ୍ରାନ୍ତୀ ସମ୍ଭାଷଣ ଏକ ଉଦ୍ୟ ଅନୁଲେଖ ପ୍ରଦାନ କରାଯାଇ ତା'ର ଆଧାରରେ ୫ଟି ପ୍ରଶ୍ନ କରାଯିବ । ପ୍ରତି ପ୍ରଶ୍ନର ଉତ୍ତର ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ ଓ ପରୀକ୍ଷାର୍ଥୀ ତା' ଭିତରୁ ସବୁଠାରୁ ଉପଯୁକ୍ତ ଉତ୍ତରଟିକୁ ବାଛିବେ । (1 x 5)
୨. ପଦ ନିର୍ଣ୍ଣୟ - ଗୋଟିଏ ନିର୍ଦ୍ଦିଷ୍ଟ ବାକ୍ୟ ଦିଆଯାଇ, ତହିଁରୁ ଗୋଟିଏ ପଦକୁ ରେଖାକିତ କରି ସେହି ପଦଟିକୁ ଚିହ୍ନଟିବାକୁ ପ୍ରଶ୍ନକରାଯିବ । ଏଥିପାଇଁ ଉତ୍ତର ଦିଆଯିବ । ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବେ । ଏହି ପରି ବିଶେଷ୍ୟ, ସର୍ବନାମ, ବିଶେଷଣ, ଅବ୍ୟୟ, କ୍ରିୟାପଦ ଇତ୍ୟାଦି ୫ ପ୍ରକାର ମଧ୍ୟରୁ ୨ ପ୍ରକାରର ୨ଟିକୁ ଚିହ୍ନଟିବାକୁ ହେବ । ଭିନ୍ନ ଭିନ୍ନ ୨ଟି ବାଖ୍ୟ ମାଧ୍ୟମରେ ୨ଟି ପ୍ରଶ୍ନ କରାଯିବ । (1 x 2)
୩. ବାକ୍ୟ ପରିଚିତ : ସରଳ, ଯୌଗିକ ଓ ଜଟିଳ ବାକ୍ୟ କିମ୍ବା ଦୁଇ ପ୍ରକାର ବାକ୍ୟର ମିଶ୍ରରୂପ ଭିତରୁ ଯେକୌଣସି ବାକ୍ୟଟିଏ ପ୍ରଶ୍ନରେ ଦେଇ ତାହାର ପ୍ରକାର ଚିହ୍ନଟିବାକୁ କୁହାଯିବ । ସମ୍ଭାବନା ସ୍ୱରୂପ ୪ ପ୍ରକାର ଉତ୍ତର ଦିଆଯିବ । ତାହା ମଧ୍ୟରୁ ଗୋଟିକୁ ବାଛିବାକୁ ହେବ । (1 x 1)
୪. ସାଧାରଣ ଅଶୁଦ୍ଧି - ବାକ୍ୟ - ତିନୋଟି ଅଶୁଦ୍ଧ ବାକ୍ୟ ସହିତ ଗୋଟିଏ ଶୁଦ୍ଧବାକ୍ୟ ଦିଆଯାଇ ଶୁଦ୍ଧବାକ୍ୟଟିକୁ ବାଛିବାକୁ କୁହାଯିବ । (1 x 1)
୫. ସାଧାରଣ ଅଶୁଦ୍ଧି - ଶବ୍ଦ - ତିନୋଟି ଅଶୁଦ୍ଧ ରୂପସହ ଗୋଟିଏ ଶୁଦ୍ଧରୂପ ଦିଆଯାଇ ଶୁଦ୍ଧରୂପଟି ବାଛିବାକୁ ଦିଆଯିବ । ଏହିପରି ୨ଟି ପ୍ରଶ୍ନ ପଢ଼ିବ । (1 x 2)
୬. ଭୂତ୍ତି - ୨ଟି ପ୍ରଶ୍ନ ଦିଆଯାଇ ପ୍ରତ୍ୟେକର ଉତ୍ତର ଦିଆଯିବ । ଠିକ୍ ଉତ୍ତର ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ । (1 x 2)
୭. ଅଳଙ୍କାର - ଅନୁପ୍ରାସ, ଉପମା, ଉଚ୍ଚପ୍ରକାଶ, ବ୍ୟତିରେକ, ଶ୍ଳେଷ-୫ଟି ପ୍ରଶ୍ନ କରାଯିବ । ସମ୍ଭାବ୍ୟ ୪ଟି ଉତ୍ତରକୁ ବାଛିବାକୁ ହେବ । (1 x 2)
୮. କୃତନ୍ତ : ଗୋଟିଏ କୃତନ୍ତ ନିଞ୍ଚନ୍ ପଦ ଗଠନ କିମ୍ବା ପ୍ରତ୍ୟୟ ଚିହ୍ନଟିବାକୁ ପ୍ରଶ୍ନକରାଯିବ । ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯାଇ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ । (1 x 1)

୯. ତହିଁତ : ଗୋଟିଏ ତହିଁତ ନିଷ୍ପନ୍ନ ଦିଆଯାଇ ପ୍ରତ୍ୟୟ ନିର୍ଣ୍ଣୟ କିମ୍ବା ଭିନ୍ନ ଭିନ୍ନ ୪ଟି ଶବ୍ଦ ମଧ୍ୟରୁ ତହିଁତ ନିଷ୍ପନ୍ନ ଠିକ୍ ଶବ୍ଦଟିଏ ରଖି ଚିହ୍ନାଇବାକୁ କୁହାଯିବ । (1 x 1)
୧୦. ସମାସ : ତତ୍ପୁରୁଷ, କର୍ମଧାରୟ, ବହୁରୁହି, ଦିଧା, ଦ୍ବଦ୍, ଅବ୍ୟୟୀଭାବ ସମାସମଧ୍ୟରୁ ୨ଟି ପ୍ରଶ୍ନ କରାଯାଇ କିମ୍ବା ବ୍ୟାସବାକ୍ୟ ଦିଆଯାଇ ସମାସ ନିଷ୍ପନ୍ନ ପଦ ନିର୍ଣ୍ଣୟ କରିବାକୁ ଦିଆଯିବ । ଏଥିପାଇଁ ପ୍ରତିଟିର ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ପ୍ରଦାନକରି ଠିକ୍ଟିକୁ ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ । (1 x 2)
୧୧. ବିଭକ୍ତି : ବାକ୍ୟଟିଏ ଦିଆଯାଇ ସେଥିରୁ ରେଖାକିତ ପଦର ବିଭକ୍ତି ଚିହ୍ନାଇବାକୁ କୁହାଯିବ ଏବଂ ଏଥିପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । (1 x 1)

Section-II – Language-II (English) same as Paper-I (20 Marks)

Section-III – Contents of C.P.Ed. and B.P.Ed. Course (60 Marks)

Section – III

PHYSICAL EDUCATION

1. Principle and History of Physical Education 10 Marks

- 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 10 Marks

- 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

10 Marks

- Importance, objectives and guiding principles
- Construction and care of gymnasium and swimming pools
- Preparation of different playground
- Need, purchase and maintenance of sports equipments 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, Interamural and extramural competitions
- Preparation of Budget, accounting and auditing
- Importance of Recreation In Human life

4. Anatomy Physiology and Health Education

10 Marks

- 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

10 Marks

- 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 play grounds
- Demonstration and Exhibitions, Awards and Incentives
- Lesson Planning – General and Specific

6. Officiating and Coaching

10 Marks

- The qualities of a good officials, relation of official 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, Basket ball, Soft ball, Cricket, Hockey and Badminton

Paper-II

Section-IV

For PET only

CHILD DEVELOPMENT, PEDAGOGY, SCHOOL MANAGEMENT AND EVALUATION (50 MARKS)

1. Child Development

- Meaning of growth and development
- Different stages of development
- Physical, Mental, Emotional and Social Development of a child
- General characteristics of various stages of growth and development of a child

2. 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

3. School Management and Evaluation

- School Management
- Programme Planning, Principles of Programme Planning in Physical Education
- Function of Planning – organization of school sports coordination and contracting of Physical Education activities
- Evaluation of School Physical Education activities and School Health Education Programme