Syllabus for
ODISHA SECONDARY SCHOOL TEACHER ELIGIBILITY TEST
(OSSTET)

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 ନମ୍ବର । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର କ୍ରମସଂଖ୍ୟା କେବଳ ୧, ୩, ୪ କ୍ରମରେ ପ୍ରତି ପ୍ରଶ୍ନ ସହ ଉରିଟି ସଂଭାବ୍ୟ ଉତ୍ତର ଦିଆଯାଇଥିବ, ତା'ମଧ୍ୟରୁ ସବୁଠାରୁ ଉପଯୁକ୍ତ ଉତ୍ତରକୁ ବାଛିବାକୁ ହେବ ।

ନିମ୍ନ ପ୍ରଦତ୍ତ ବିଷୟମାନଙ୍କରୁ ପ୍ରଶ୍ନ ପ୍ରସ୍ତୁତ କରାଯିବ ।

୧. **ଅବବୋଧ ପରୀକ୍ଷଣ :** ପ୍ରାୟ ୧୫୦ ଶବ୍ଦ ବିଶିଷ୍ଟ ଏକ ଗଦ୍ୟ ଅନୁଚ୍ଛେଦ ପ୍ରଦାନ କରାଯାଇ, ତା'ର ଆଧାରରେ ୫ଟି ପ୍ରଶ୍ନ କରାଯିବ । ପ୍ରତିପ୍ରଶ୍ନର ୪(ଚାରି)ଟି ଲେଖାଏଁ ସମ୍ଭାବ୍ୟ ଉତ୍ତର ପ୍ରଦତ୍ତ ହୋଇଥିବ । ପରୀକ୍ଷାର୍ଥୀ ତା'ଭିତରୁ ସବୁଠାରୁ ଉପଯୁକ୍ତ ଉତ୍ତରଟିକୁ ବାଛିବାକୁ ହେବ । ପ୍ରତି ଉପଯୁକ୍ତ ଉତ୍ତର ପାଁ ୧ ନମ୍ବର ।

୨. **ପଦ ନିର୍ଣ୍ଣୟ :** ଗୋଟିଏ ନିର୍ଦ୍ଦିଷ୍ଟ ବାକ୍ୟ ଦିଆଯାଇ ଚହିଁରୁ ଗୋଟିଏ ପଦକୁ ରେଖାଙ୍କିତ କରି ସେହି ପଦଟିକୁ ଚିହ୍ନାଇବା ପାଇଁ ପ୍ରଶ୍ନକରାଯିବ । ଏଥିପାଇଁ ଉରିଟି ସଂଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ; ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ ।

ଏହି ପରି ବିଶେଷ୍ୟ / ସର୍ବନାମ / ବିଶେଷଣ / ଅବ୍ୟୟ / କ୍ରିୟାପଦ ଇତ୍ୟାଦି ୫ ପ୍ରକାର ମଧ୍ୟରୁ ୨ପ୍ରକାରର ୨ଟିକୁ ଚିହ୍ନାଇବାକୁ ହେବ । ଏଥିପାଇଁ ଭିନ୍ନ ଭିନ୍ନ ଦୁଇଟି ବାକ୍ୟ ମାଧ୍ୟମରେ ଦୁଇଟି ପ୍ରଶ୍ନ କରାଯିବ ।

୩. **ବାକ୍ୟ ପରିଚିତି :** ସରଳ, ଯୌଗିକ, ଓ ଜଟିଳ ବାକ୍ୟ କିମ୍ବା ଦୁଇପ୍ରକାର ବାକ୍ୟର ମିଶ୍ରରୂପ ଭିତରୁ ଯେକୌଣସି ବାକ୍ୟଟି ପ୍ରଶ୍ନରେ ଦେଇ ତାହାର ପ୍ରକାର ଚିହ୍ନାଇବାକୁ କୁହାଯିବ । ସଂଭାବନା ସ୍ୱରୂପ ଉରିପ୍ରକାର ଉତ୍ତର ଦିଆଯିବ, ତା'ମଧ୍ୟରୁ ପରୀକ୍ଷାର୍ଥୀ କେବଳ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ ।

୪. **ଶବ୍ଦ / ଷଡ୍ ବିଧ :** ୨ଟି ମଧ୍ୟରୁ ଗୋଟିଏ ଆଧାରରେ ପ୍ରଶ୍ନ ପ୍ରସ୍ତୁତ କରି ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦେଇ ଗୋଟିଏ ବାଛିବାକୁ କୁହାଯିବ ।

୫. **ସାଧାରଣ ଅଶୁଦ୍ଧି :** ଶବ୍ଦ ଓ ବାକ୍ୟ ପ୍ରତ୍ୟେକରୁ ଗୋଟିଏ ଲେଖା ପ୍ରଶ୍ନ ଦିଆଯାଇ ସେଥିରୁ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ କୁହାଯିବ ।

୬. **ରୂଢ଼ି :** ୨ଟି ପ୍ରଶ୍ନ ଦିଆଯାଇ ପ୍ରତ୍ୟେକର ଉରିଟି ସମ୍ଭାବ୍ୟ ଅର୍ଥ ଦିଆଯିବ ଓ ଠିକ୍ ଉତ୍ତର ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।

୭. **ଅଳଙ୍କାର :** ଅନୁପ୍ରାସ, ଉପମା, ଉତ୍ପ୍ରେକ୍ଷା, ରୂପକ, ଶ୍ଳେଷ – ୫ଟି ଅଳଙ୍କାର ମଧ୍ୟରୁ ୨ଟି ସ୍ୱତନ୍ତ୍ର ଉଦ୍ଧୃତି ଦିଆଯାଇ ଅଳଙ୍କାର ଚିହ୍ନାଇବାକୁ ପ୍ରଶ୍ନକରାଯିବା ସମ୍ଭାବ୍ୟ ଉରିଟି ଉତ୍ତରରୁ ଗୋଟିଏ ବାଛିବାକୁ ବ୍ୟବସ୍ଥା କରାଯିବ ।

୮. **କୃଦନ୍ତ :** ଗୋଟିଏ କୃଦନ୍ତ ନିଷ୍ପନ୍ନ ପଦର ଗଠନ କିମ୍ବା ପ୍ରତ୍ୟୟ ଚିହ୍ନାଇବାକୁ ପ୍ରଶ୍ନକରାଯିବ । ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯାଇ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।

୯. ତଦ୍ଧିତ : ଗୋଟିଏ ତଦ୍ଧିତ ନିଷ୍ପନ୍ନ ପଦ ଦିଆଯାଇ ପ୍ରତ୍ୟୟ ନିର୍ଣ୍ଣୟ କିମ୍ବା ରୂଢିଟି ଭିନ୍ନଭିନ୍ନ ଶବ୍ଦ ମଧ୍ୟରୁ ତଦ୍ଧିତ ନିଷ୍ପନ୍ନ ଠିକ୍ ଶବ୍ଦଟିଏ ରଖି ତାକୁ ଚିହ୍ନାଇବାକୁ କୁହାଯିବ ।

୧୦. ସମାସ : ତତ୍ପୁରୁଷ, କର୍ମଧାରୟ, ବହୁବ୍ରୀହି, ଦ୍ୱିଗୁ, ଦ୍ୱନ୍ଦ୍ୱ, ଅବ୍ୟୟୀଭାବ ସମାସ ମଧ୍ୟରୁ ୨ଟି ପ୍ରଶ୍ନ କରାଯାଇ ସମାସ ଚିହ୍ନାଇବାକୁ କିମ୍ବା ବ୍ୟାସ ବାକ୍ୟ ଦିଆଯାଇ ସମାସ ନିଷ୍ପନ୍ନ ପଦ ନିର୍ଣ୍ଣୟ କରିବାକୁ ଦିଆଯିବ । ଏଥିପାଇଁ ପ୍ରତିଟିର ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ପ୍ରଦାନ କରି ଠିକ୍‍ଟିକୁ ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।

୧୧. ବିଭକ୍ତି : ବାକ୍ୟଟିଏ ଦିଆଯାଇ ସେଥିରୁ ରେଖାଙ୍କିତ ପଦର ବିଭକ୍ତି ଚିହ୍ନାଇବାକୁ 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

02

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 equi-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 Registivity, 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, Charle'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 uncertainity 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 logarithemic 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 or organic compounds
  ii) Electronic displacement in a covalent bond : inductive effect, electronic effect, resonance and hyper conjugation.
  iii) Homolytic and heterolytic fission of a covent 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 bezone.

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, Summetric, 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 90^0, 180^0, 270^0, 360^0, compound angle formula, multiple angle formula, sub-multiple angle formula, Trigonometric Equations, Inverse trigonometric functions

13. Mensuration $\qquad$ 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 $\qquad$ 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 $\qquad$ 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 $\qquad$ 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 $\qquad$ 03 Marks

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

reaction – CO_2 fixation by C_3, C_4 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

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- 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   **03 MARKS**
simple one)
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 ପ୍ରଦତ୍ତ ହୋଇଥିବା ପରୀକ୍ଷାର୍ଥୀ 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, ଫକୀରମୋହନ, ଗୋପାଳଚନ୍ଦ୍ର ପ୍ରହରାଜ, ଗୋପୀନାଥ ମହାନ୍ତି – ୭ ଜଣ ଲେଖକଙ୍କର ଗୋଟିଏ କୃତିର ନାମ ଉଲ୍ଲେଖ କରାଯାଇ ଲେଖକଙ୍କ ନାମ ପ୍ରଶ୍ନ କରାଯିବ କିୟା ଲେଖକଙ୍କ ନାମ ଦିଆଯାଇ ଭିନ୍ନ ଭିନ୍ନ ଚାରିଟି ରଚନା ମଧ୍ୟରୁ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ କୁହାଯିବ ।   (୧)

୩. ପଦନିର୍ଣ୍ଣୟ : ଗୋଟିଏ ନିର୍ଦ୍ଦିଷ୍ଟ ବାକ୍ୟ ଦିଆଯାଇ ତହିଁରୁ ଗୋଟିଏ ପଦକୁ ରେଖାଙ୍କିତ କରି ସେହି ପଦଟିକୁ ଚିହ୍ନାଇବାକୁ ପ୍ରଶ୍ନ କରାଯିବ । ଏଥିପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ । ଏହିପରି ବିଶେଷ୍ୟ/ ସର୍ବନାମ /ବିଶେଷଣ / ଅବ୍ୟୟ କ୍ରିୟାପଦ ଇତ୍ୟାଦି ଚିହ୍ନାଇବାକୁ ହେବ ।   (୧)

୪. କୃଦନ୍ତ : କୃଦନ୍ତ ନିଷ୍ପନ୍ ପଦର ଗଠନ କିୟା ପ୍ରତ୍ୟୟ ଚିହ୍ନାଇବାକୁ ପ୍ରଶ୍ନ କରାଯିବ । ପ୍ରତ୍ୟେକରୁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯାଇ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।   (୧)

୫. ତଦ୍ଧିତ : ତଦ୍ଧିତ ନିଷ୍ପନ୍ନ ପଦ ଦିଆଯାଇ ପ୍ରତ୍ୟେୟ ନିର୍ଣ୍ଣୟ କିୟା ୪ଟି ଭିନ୍ନଭିନ୍ନ ଶବ୍ଦ ମଧ୍ୟରୁ ତଦ୍ଧିତ ନିଷ୍ପନ ପଦ ଠିକ୍ ଶବ୍ଦଟିଏ ରଖ୍ ତାକୁ ଚିହ୍ନାଇବାକୁ କୁହାଯିବ ।   (୧)

୬. ବାକ୍ୟ ପରିଚିତି : ସରଳ, ଯୌଗିକ, ଜଟିଳ ବାକ୍ୟ କିଆ ଦୁଇ ପ୍ରକାର ବାକ୍ୟର ମିଶ୍ରରୂପ ଭିତରୁ ଯେକୌଣସି ବାକ୍ୟଟିଏ ପ୍ରଶ୍ନରେ ଦେଇ ତାର ପ୍ରକାର ଚିହ୍ନାଇବାକୁ କୁହାଯିବ । ସମ୍ଭାବନା ସରୂପ ୪ ପ୍ରକାର ଉତ୍ତର ଦିଆଯିବ, ତା ଭିତରୁ ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ ।   (୧)

୭. ସାଧାରଣ ଅଶୁଦ୍ଧି : ଶବ୍ଦ ଓ ବ୍ୟାଖ୍ୟା ପ୍ରଶ୍ନ ଦିଆଯାଇ ସେଥିରୁ ଠିକ୍ ଶବ୍ଦ କିଆ ବାକ୍ୟ ବାଛିବାକୁ କୁହାଯିବ । ଏଥିରେ ୩ଟି ଅଶୁଦ୍ଧ ଶବ୍ଦ କିଆ ବାକ୍ୟ 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 ପଦନେଇ ତାର ଠିକ୍ ବିଚ୍ଛେଦ ବାଛିବାକୁ ୪ (ଚାରି)ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍‌କୁ ବାଛିବେ ।   (୧)

୯. କାରକ : ବାକ୍ୟଟିଏ ଦେଇ ଗୋଟିଏ ପଦକୁ ରେଖାଙ୍କିତ କରି ତାହା କେଉଁ କାରକ ଚିହ୍ନାଇବାକୁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ବାଛିବାକୁ କୁହାଯିବ ।   (୧)

୧୦. ବିଭକ୍ତି : ବାକ୍ୟଟିଏ ଲେଖା ଦେଇ ଗୋଟିଏ ପଦକୁ ରେଖାଙ୍କିତ କରି ତାହା କେଉଁ ବିଭକ୍ତି, ଦିଆଯାଇଥିବା ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ବାଛିବାକୁ କୁହାଯିବ ।   (୧)

୧୧. ସମାସ : ତତ୍ପୁରୁଷ, କର୍ମଧାରୟ, ବହୁବ୍ରୀହି, ଦ୍ୱିଗୁ, ଦ୍ୱନ୍ଦ୍ୱ, ଅଲୁକ, ଅବ୍ୟୟାଭାବ –୭ଟି ସମାସ ମଧ୍ୟରୁ ପ୍ରଶ୍ନକରାଯାଇ ସମାସ ଚିହ୍ନାଇବାକୁ କିଆ ବ୍ୟାସବାକ୍ୟ ଦିଆଯାଇ ସମାସ ନିଷ୍ପନ୍ନ ପଦ ନିର୍ଣ୍ଣୟ କରିବାକୁ ଦିଆଯିବ । ପ୍ରତିଟି ପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ବାଛିବାକୁ କୁହାଯିବ ।   (୧)

୧୨. ରୂଢ଼ି : ଗୋଟିଏ ରୂଢ଼ି ଦିଆଯାଇ ତାର ୪ଟି ସମସ୍ୟା ଅର୍ଥ ମଧ୍ୟରୁ ଠିକ୍ ଅର୍ଥଟି ବାଛିବାକୁ କୁହାଯିବ ।(୧)

୧୩. ଛନ୍ଦ :ଛନ୍ଦ ପାଇଁ ଗୁଜରୀ, ନଟ ବାଣୀ, ବଙ୍ଗଳାସୀ, ଦାଣ୍ଡବୃତ, ଚୋଖି – ୫ଟି ମଧ୍ୟରୁ ଗୋଟିଏ ଛନ୍ଦର ଉଦାହରଣ ଉଦ୍ଧାରକରି ଛନ୍ଦ ଚିହ୍ନାଇବାକୁ କୁହାଯିବ । ଏଥିପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ ।   (୧)

୧୪. ଅଳଙ୍କାର : ଅନୁପ୍ରାସ,ଉପମା,ରୂପକ,ବ୍ୟତିରେକ,ଉତ୍ପ୍ରେକ୍ଷା,ଅର୍ଥାନ୍ତରନ୍ୟାସ–୬ଟି ମଧ୍ୟରୁ ଗୋଟିଏର ଉଦ୍ଧୃତି ଦେଇ ଅଳଙ୍କାର ଚିହ୍ନାଇବାକୁ କୁହାଯିବ । ଏଥିପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ ।   (୧)

୧୫. ଏକ ପଦୀକରଣ:ବ୍ୟାଖ୍ୟା ପ୍ରଦାନ କରାଯାଇ ଏହାକୁ ଏକପଦରେ ପ୍ରକାଶ କରିବାକୁ କୁହାଯିବ ଏବଂ ଏକପଦ ରୂପ ଦିଆଯାଇ ଏହା ଅର୍ଥ ବ୍ୟାଖ୍ୟା ଚିହ୍ନାଇବାକୁ ପ୍ରଶ୍ନକରାଯିବ ।ଏଥିପାଇଁ ଭିନ୍ନ ଭିନ୍ନ ପ୍ରଶ୍ନ କରିବା ଓ ପ୍ରତିଟି ପାଇଁ ୪ଟି ଲେଖା ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ;ସେଥିରୁ ଠିକ୍‌ଟିକୁ 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)

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 – प्रायश्चित

- कमलेश्वर – गर्मी के दिन

- जैनेन्द्र कुमार – पत्नी

– उषा पियम्बदा – वापसी

– भीष्म साहनी – चीफ 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)

<div align="right">10 अंक</div>

(i) कबीर 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 ठगिनी ।

(ii) सूरदास – बाल वर्णन – मैया मैं नहीं माखन, मैया मोहि दाऊ बहुत खिझायौ, जसुमति हरि पालनै, मैया कबहुँ बढ़ेगी चोटी ।

भ्रमर गीत – अंधो मन मानेकी बात, ऊधो मन जहिं दस बीस, निर्गुन कौन देसकौ, अधा मोहि ब्रज विसरत नहिं ।

(iii) तुलसी दास – केवट प्रसंग, भरत–महिमा

(iv) बिहारी – मेरी सब बाधा हरौ, कनक कनक तैं, बतरस लालच, कहत नटत रीझत.. ।

(v) मैथिलीशरण गुप्त – यशोधरा

(vi) दिनकर – कुरुक्षेत्र (प्रथम तीन वर्ष)

(vii) बच्चन – पथकी पहचान, जुगनू

(viii) सुभद्राकुमारी – झाँसी की रानी

20

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

(x) पंत – प्रथम रश्मि, ताज

(xi) निराला – 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 कहाबतें

UNIT- VI (भाषा प्रयोग)

10 अंक

i) गद्य पाठ विधि – परिचयात्मक प्रश्न, बाचन, लेखन, बोध प्रश्न, ज्ञान, और चिंतामूलक प्रश्न ।

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ii) पद्य पाठ विधि – सामान्य परिचयात्मक प्रश्न, व्याख्या की पद्धति, आत्मीकरण, काव्यानन्दका स्वाद ।

iii) व्याकरण पाठ विधि – आगमन / निगमन प्रणाली

iv) अनुवाद – ओडिआ से हिंन्दी पाँच सरल वाक्य या वाक्यांश

v) अपठित गद्य/पद्यांश – (छोटे-छोटे दो अंश)

उसमें से बोध / ज्ञान मूलक प्रश्न होंगे

– ० –

Sanskrit (60 Marks)

शिक्षादान पद्धतिः

UNIT- 1 : Learning Sanskrit संस्कृतशिक्षणम् [10]

- संस्कृतशिक्षणस्य सामौन्यम् उद्देश्यं महत्वं च

– माध्यमिकस्तरे संस्कृत शिक्षायाः महत्वम्

– संस्कृतशिक्षायाः मुगमं कौशलम्

– श्रवणम् पाठनम्, वाचनम्, पठनकौशलम् लेखनकौशलम्

UNIT- 2 : भाषाप्रशिक्ष [10]

- व्याकरणानुवाद पद्धति : (Formal Grammar, Functional Grammar)

– प्रत्यक्षपद्धतिः (Preparation, Presentation, Comparison, Assimatation, (Directmethod) Application)

- परोक्षपद्धति : (Indirect Method) - अन्वय पद्धति Teaching Poetry,

- आरोह पद्धति : अस्या पद्धतेः गुजाः दोषाः च

Indirective Method - From Example to approach the sutra method in grammar.

- अवरोह पद्धति : (deductive method) Interpretation of the sutra and justification through the examples.

UNIT- 3 : भाषासाहित्यशिक्षण पद्धति : [10]

Method of assessment learning sanskrit languge and literature.

गद्य–पद्य प्रशिक्षण परीक्षण योजना

Planning of assessment of teaching prose and poetry.

परीक्षजस्य योजना साफल्यं च परीक्षणस्य अवान्तर साधनानि

श्रवणम्, भाषणम् पठनम्, वाचनम्, लेखनम्

Group-B (CONTENT)

UNIT- 4 : Elements of Sanskrit Language

संस्कृतभाषायाः मौलिकं ज्ञानम् [10]

(अदृष्ट सन्दर्भगिताः प्रश्नाः (Comprehensiment to unseen passage)

One Passage from Prose (within 150 words)

गद्यभागस्य एकः सन्दर्भः (१५० शब्दमध्ये)

पञ्चतन्त्रतः हितोपदेशतः (From Panchatantra and Hitopadesha)

One verse from Purvamegha or Abhijnuna sakuntalam

Word meming, Sandhi, Karaka Vibhukti Samasa, Prakriti Pratyaya.

UNIT- 5 : Language Item, भाषागता विषयाः [10]

Parts of Speech - भाषा विभाग

शब्दरूपम्, धातुरूपम्, विशेषणम्, सर्वनाम, संख्यावाचक विशेषणम्

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

विशेषण सर्वनाम – सर्व, तद्, यद्, किम्, इदम्, अस्मद्, युष्मद

संख्यावाचक – एक, द्वित्रि, चतुर, पञ्च, षड्

पूरणवाचक – प्रथम, द्वितीय इत्यादि

शब्द निर्माणम् – उपसर्गः, कृदन्तः स्त्रीप्रत्ययः

शब्दज्ञानम् – व्याकरणगताः पारिभाषिकाः शब्दाः

सन्धिः, णत्वविधिः, षत्वविधिः

शब्दरुपधातुरुपगतवर्णशुद्धि :

Unit - 6 : Contributions of famous poet and authors to Sanskrit literature [10] (Prose, Poetry, Drama and composition.

Bhasa, Kalidas, Bhababiti, Dandin : Banabhatta Bhartrihari - Jayadev Trivikrambhatta Sriharsa

Bibliography - सहायकग्रन्थ सूची

– संस्कृत वल्लरी, BSE, Odisha, Cuttack

– संस्कृत साहित्यमञ्जरी, BSE, Odisha, Cuttack

– ସଂସ୍କୃତ ବ୍ୟାକରଣ ପ୍ରଦୀପଃ, BSE, Odisha, Cuttack

– ସଂସ୍କୃତ ବ୍ୟାକରଣ ପ୍ରକାଶଃ, BSE, Odisha, Cuttack

– ବ୍ୟାକରଣ ଦର୍ପଣ – Odia Text Book Bureau, Odisha, BBSR.

– ସଂସ୍କୃତ ଭାଷା ଶିକ୍ଷଣ ଓ ଶିକ୍ଷାଦାନ, BSE, Odisha, Cuttack

– +2 ଓ +3 ପାଠ୍ୟ ପୁସ୍ତକ ।

Distribution of Marks
अङ्क विभाजनम
Questions of multiple choice

Unit - I :   Learning Sanskrit, संस्कृत शिक्षणम्   1 x 10 = 10

संस्कृतभाषायाः उत्पत्तिः, श्रेणीविभागः, विश्वभाषां प्रति

संस्कृतस्य दानम्, भारतवर्षे संस्कृत भाषाशिक्षा, ओडिशाप्रान्ते

संस्कृतशिक्षा विदेशे संस्कृतशिक्षा, कौशलम् ।

Unit - II :   भाषाप्रशिक्षणम्   1 x 10 = 10

Unit - III :   भाषासाहित्यशिक्षणपरीक्षणपद्धतिः   1 x 10 = 10

Unit - IV :   Comprehension - सन्दर्भगता: प्रश्नाः   1 x 10 = 10

Unit - V :   Language Items - भाषागता: विषया   1 x 10 = 10

Unit - VI :   Contribution of famous Poets & authors संस्कृतकवीनां दानम् 1 x 10 = 10

TOTAL = 60

-o-

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	:	1x10	=	10 marks
➢ Poetry	:	1x10	=	10 marks
➢ Drama, Novel & Short story	:	1x10	=	10 marks
➢ Grammar	:	1x10	=	10 marks
➢ Pedagogy	:	1x10	=	10 marks
➢ Comprehension and contribution of Famous Urdu Writers	:	1x10	=	10 marks
		Total	=	**60 marks**

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)
- Makhi 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 Unki Istemal *Islah*

Unit-5 (Pedagogy) :

- Urdu Parhne Ke Agraz O Maqasid
- Madri Zaban Ke Taleem Ki Ahmiyat
- Ijmali Aur Tafsili Motalia Per Maharat
- Tadris-e-Nasr-O-Nazm
- Qawaid
- Dars-O-Tadris 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 Hosen Hali
- Neyaz Fateh Puri
- Ali Sardar Jafri
- Amir Khusroo
- Majrooh Sultanpuri

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OSSTET
URDU (60 marks)

اڈیشا سیکنڈری اسکول ٹیچرس ایلیجبلیٹی ٹسٹ

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 then the correct answer will be selected. The question will be of MCQ pattern.

• نثر	1×10=10
• نظم	1×10=10
• ڈراما، ناول، افسانے	1×10=10
• گرامار	1×10=10
• پیڈاگوجی	1×10=10
• نامعلوم عبارت اور مشہور ادبا	1×10=10

یونٹ ۔ ۱ نثر

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

یونٹ ۔ ۲ نظم

- بنجارا (نظیر اکبرآبادی)
- جلوہ در بار دہلی (اکبر الہ آبادی)
- ایک آرزو (ڈاکٹر محمد اقبال)
- آئن سٹائن کی وفات (ڈاکٹر کرامت علی کراکت)
- مکھی چوس (فیض سنبھلپوری)
- غزلیات (میر، درد، غالب، حسرت)

یونٹ ۔ ۳
ڈراما، ناول، مختصر افسانے

- خانہ جنگی (پروفیسر محمد مجیب)
- امراؤ جان ادا (مرزا ہادی رسوا)
- اردو کے تیرہ افسانے (کفن، آندھی) (اطہر پرویز)

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- اسم ، فعل ، حرف • ضمیر • صفت • جملہ سازی

- سابقہ و لاحقہ • املا • متشابہ اور متضاد الفاظ • غلط جملے اور ان کی اصلاح

- اضافت • محاورے اور ضرب الامثال

یونٹ ۵ پیڈا گوجی

- اردو پڑھنے کے اغراض و مقاصد

- مادری زبان کے تعلیم کی اہمیت

- اجمالی اور تفصیلی مطالعہ پر مہارت

- تدریسِ نثر و نظم

- قواعد

- درس و تدریس میں ضمنی مطالعہ

- اشاراتِ سبق

- جانچ کے مختلف طریقے

- تحریری مہارت

یونٹ ۶ نا خوانده عبارت سے سوال اور مشہور ادبا کی خدمات

- نا خوانده عبارت سے سوال

- مشہور ادبا کی خدمت

- الطاف حسین حالی ، نیاز فتح پوری ، جلی سردار جعفری ، امیر خسرو ، مجروح سلطان پوری

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TELGU (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, Drutaprakrutikalu, 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 – Mahaprastanam
    *   Vimala – Vantillu Enta Adbutam

Unit - 1
- భాష - మాతృభాష
- మాతృభాష బోధనా లక్ష్యాలు
- బోధనా నైపుణ్యాలు
- భాష - వివిధ భావనలు

Unit - 2
- బోధనా పద్ధతులు
- బోధనా ప్రణాళికలు
- బోధన క్రోడీకు ఉపకరణాలు
- సాహిత్య ప్రక్రియలు - బోధనా పద్ధతులు

Unit - 3
- విద్యా - సాంకేతిక శాస్త్రం
- సహపాఠ్య కార్యక్రమాలు
- ప్రణాళిక రచన
- పాఠ్యగ్రంథాలు
- వనరుల వినియోగం
- మూల్యాంకనం. GROUP "B"

Unit - 4
- అపరిచిత పద్య భాగము / అపరిచిత గద్య భాగముపై ప్రశ్నోత్తరి.
- పదముల అర్థాలు • వ్యతిరేక అర్థాలు • ఏ భాషా భాగమో గుర్తించుట.
- మహద్వాచకం • మహతీ వాచకం. అమహద్వాచకం ముఖ్యగునవి.

Unit - 5
- భాషాంశాలు :- ఉచ్చారణ - ధ్వని - ధ్వన్యుత్పత్తి - స్థానాలు - పదము - ప్రాతిపదిక - ప్రత్యయములు - కళలు - ద్వత్వప్రకృతికాలు; మరుషాలు - సరళాలు; భాషాభాగాలు; వచనాలు, కాలాలు; లింగం; విభక్తులు; విరామ చిహ్నాలు; అర్థాలు; నానార్థాలు; పర్యాయపదాలు; వ్యుత్పత్తర్థాలు; సమాపక-అసమాపక క్రియలు; అకర్మక - సకర్మక క్రియలు; వాక్యరీతులు; కర్త్రార్థక - కర్మార్థక వాక్యాలు; ప్రత్యక్ష - పరోక్ష వాక్యాలు; వాక్య నిర్మాణం; తత్సమ - తద్భవ, దేశ్య, గ్రామ్య, అన్యదేశ్య పదాల ముఖ్యగునవి. తెలుగు - సంస్కృత సంధులు; సమాసములు; తెలుగు జాతీయములు - అర్థవివరణ; ఛందస్సు (ఉత్పల మాల, చంపక మాల, శార్దూలం, మత్తేభం, ఆటవెలది, తేటగీతి, కందము), అలంకారములు.

Unit - 6.
తెలుగు భాషాభివృద్ధికి అమూల్య గ్రంథాలు.
- నన్నయ :-
   (ఆంధ్ర మహాభారతం, ఆదిపర్వము, 4వ. ఆశ్వాసం (120 - 165)
   " నరవరుడు హితమనకు " నుండి "దివ్యభూష నాలంకృత" వరకు.
- కొఱవి గోపరాజు :-
   సౌరివామన విజయం.
   సింహాసన ద్వాత్రింశిక - ఇటువ ఆశ్వాసం (115-165)
   " సజ్జిత దానధర్మ " నుండి ఇల్లు విక్రమార్క దేశిన " వరకు.
- గరిమెళ్ళ సత్యనారాయణ :- " మాకొద్దీ తెల్లదొరతనం"
- శ్రీశ్రీ :- " మహాప్రస్థానం"
- విమల :- వంటిల్లు " ఎంత అర్ధవంతమైనది" నుండి ఇంటిరి వంటగదులు" వరకు

* * * * 01. U K DV Prasad
02. V. PapaRao.

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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 କିୟା ବାକ୍ୟ ପାଇଁ କ୍ରୀଡ଼ା ସମ୍ବଧୀୟ ଉଦାହରଣ ହେଲେ ଭଲ ।

୧. ଅବବୋଧ ପରୀକ୍ଷଣ : ପ୍ରାୟ ୧୫୦ ଶବ୍ଦ ବିଶିଷ୍ଟ କ୍ରୀଡ଼ା ସମ୍ବଧୀୟ ଏକ ଗଦ୍ୟ ଅନୁଚ୍ଛେଦ ପ୍ରଦାନ କରାଯାଇ ତା'ର ଆଧାରରେ ୫ଟି ପ୍ରଶ୍ନ କରାଯିବ । ପ୍ରତି ପ୍ରଶ୍ନର ଋଜିତି 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 ରେଖାଙ୍କିତ କରି ସେହି ପଦଟିକୁ ଚିହ୍ନାଇବାକୁ ପ୍ରଶ୍ନକରାଯିବ । ଏଥିପାଇଁ ଋଜିତି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ । ପରୀକ୍ଷାର୍ଥୀ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବେ । ଏହି ପରି ବିଶେଷ୍ୟ, ସର୍ବନାମ, ବିଶେଷଣ, ଅବ୍ୟୟ, କ୍ରିୟାପଦ ଇତ୍ୟାଦି ୫ ପ୍ରକାର ମଧ୍ୟରୁ ୨ ପ୍ରକାରର ୨ଟିକୁ ଚିହ୍ନାଇବାକୁ ହେବ । ଭିନ୍ନ ଭିନ୍ନ ୨ଟି ବାକ୍ୟ ମାଧ୍ୟମରେ ୨ଟି ପ୍ରଶ୍ନ କରାଯିବ ।   (1 x 2)

୩. ବାକ୍ୟ ପରିଚିତ : ସରଳ, ଯୌଗିକ ଓ ଜଟିଳ ବାକ୍ୟ କିୟା ଦୁଇ ପ୍ରକାର ବାକ୍ୟର ମିଶ୍ରରୂପ ଭିତରୁ ଯେକୌଣସି ବାକ୍ୟଟିଏ ପ୍ରଶ୍ନରେ ଦେଇ ତାହାର ପ୍ରକାର ଚିହ୍ନାଇବାକୁ କୁହାଯିବ । ସମ୍ଭାବନା ସ୍ୱରୂପ ୪ ପ୍ରକାର ଉତ୍ତର ଦିଆଯିବ । ତାଙ୍କ ମଧ୍ୟରୁ ଗୋଟିକୁ ବାଛିବାକୁ ହେବ ।   (1 x 1)

୪. ସାଧାରଣ ଅଶୁଦ୍ଧି – ବାକ୍ୟ – ତିନୋଟି ଅଶୁଦ୍ଧ ବାକ୍ୟ ସହିତ ଗୋଟିଏ ଶୁଦ୍ଧବାକ୍ୟ ଦିଆଯାଇ ଶୁଦ୍ଧବାକ୍ୟଟିକୁ ବାରିବାକୁ କୁହାଯିବ ।   (1 x 1)

୫. ସାଧାରଣ ଅଶୁଦ୍ଧି – ଶବ୍ଦ – ତିନୋଟି ଅଶୁଦ୍ଧ ରୂପସହ ଗୋଟିଏ ଶୁଦ୍ଧରୂପ ଦିଆଯାଇ ଶୁଦ୍ଧରୂପଟି ବାଛିବାକୁ ଦିଆଯିବ । ଏହିପରି ୨ଟି ପ୍ରଶ୍ନ ପଡ଼ିବ ।   (1 x 2)

୬. ରୂଢ଼ି – ୨ଟି ପ୍ରଶ୍ନ ଦିଆଯାଇ ପ୍ରତ୍ୟେକର ଋଜିତି ସମ୍ଭାବ୍ୟ ଅର୍ଥ ଦିଆଯିବ । ଠିକ୍ ଉତ୍ତର ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।   (1 x 2)

୭. ଅଳଙ୍କାର – ଅନୁପ୍ରାସ, ଉପମା, ଉତ୍ପ୍ରେକ୍ଷା, ବ୍ୟତିରେକ, ଶ୍ଲେଷ–୫ଟି ପ୍ରଶ୍ନ କରାଯିବ । ସମ୍ଭାବ୍ୟ ୪ଟି ଉତ୍ତରରୁ ବାଛିବାକୁ ହେବ ।   (1 x 2)

୮. କୃଦନ୍ତ : ଗୋଟିଏ କୃଦନ୍ତ ନିଷ୍ପନ୍ନ ପଦ ଗଠନ କିୟା ପ୍ରତ୍ୟୟ ଚିହ୍ନାଇବାକୁ ପ୍ରଶ୍ନକରାଯିବ । ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯାଇ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।   (1 x 1)

୯. ତଦ୍ଧିତ : ଗୋଟିଏ ତଦ୍ଧିତ ନିଷ୍ପନ୍ନ ଦିଆଯାଇ ପ୍ରତ୍ୟୟ ନିର୍ଣ୍ଣୟ କିୟା ଭିନ୍ନ ଭିନ୍ନ ୪ଟି ଶବ୍ଦ ମଧ୍ୟରୁ ତଦ୍ଧିତ ନିଷ୍ପନ୍ନ ଠିକ୍ ଶବ୍ଦଟିଏ ରଖ୍ ଚିହ୍ନାଇବାକୁ କୁହାଯିବ ।   (୧ x ୧)

୧୦. ସମାସ : ତତ୍‌ପୁରୁଷ, କର୍ମଧାରୟ, ବହୁବ୍ରୀହି, ଦ୍ୱିଧା, ଦ୍ୱନ୍ଦ୍ୱ, ଅବ୍ୟୟୀଭାବ ସମାସମଧ୍ୟରୁ ୨ଟି ପ୍ରଶ୍ନ କରାଯାଇ କିୟା ବ୍ୟାସବାକ୍ୟ ଦିଆଯାଇ ସମାସ ନିଷ୍ପନ୍ନ ପଦ ନିର୍ଣ୍ଣୟ କରିବାକୁ ଦିଆଯିବ । ଏଥ୍‌ପାଇଁ ପ୍ରତିଟିର ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ପ୍ରଦାନକରି ଠିକ୍‌ଟିକୁ ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।   (୧ x ୨)

୧୧. ବିଭକ୍ତି : ବାକ୍ୟଟିଏ ଦିଆଯାଇ ସେଥ୍‌ରୁ ରେଖାଙ୍କିତ ପଦର ବିଭକ୍ତି ଚିହ୍ନାଇବାକୁ କୁହାଯିବ ଏବଂ ଏଥ୍‌ପାଇଁ ୪ଟି ସମ୍ଭାବ୍ୟ ଉତ୍ତର ଦିଆଯିବ ।   (୧ x ୧)

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 Nero-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 Internal 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