

**Level-II****Part-I Syllabus for Child Development and Pedagogy**

A)	<p>Concept of development and its relationship with learning, Principles of the development of children, Influence of Heredity &amp; Environment.</p> <p><b>Socialization processes:</b> Social world &amp; children (Teacher, Parents, Peers).</p> <p><b>Piaget, Kohlberg and Vygotsky:</b> constructs and critical perspectives.</p> <p>Concepts of child-centered and progressive education, Critical perspective of the construct of Intelligence, Multi-Dimensional Intelligence, Language &amp; Thought, Gender as a social construct; gender roles, gender-bias and educational practice, Individual differences among learners, understanding differences based on diversity of language, caste, gender, community, religion etc. Distinction between Assessment for learning and assessment of learning; School-Based Assessment.</p> <p><b>Continuous &amp; Comprehensive Evaluation:</b> perspective and practice.</p> <p>Formulating appropriate questions for assessing readiness levels of learners; for enhancing learning and critical thinking in the classroom and for assessing learner achievement.</p>
B)	<p><b>Concept of Inclusive education and understanding children with special needs:</b> Addressing learners from diverse backgrounds including disadvantaged and deprived.</p> <p>Addressing the needs of children with learning difficulties, „impairment“ etc.</p> <p>Addressing the Talented, Creative, Specially abled Learners.</p> <p><b>Learning and Pedagogy :</b></p> <p>How children think and learn; how and why children “fail” to achieve success in school performance.</p> <p>Basic processes of teaching and learning; children’s strategies of learning; learning as a social activity; social context of learning.</p> <p>Child as a problem solver and a “scientific investigator”</p> <p>Alternative conceptions of learning in children, understanding children’s “errors” as significant steps in the learning process.</p> <p>Cognition &amp; Emotions.</p> <p>Motivation and learning.</p> <p>Factors contributing to learning - personal &amp; environmental.</p>

## **Part-II Syllabus for Language**

A)	<p><b>Language-I (Hindi)</b></p> <p><b>Language Comprehension Questions:</b> Reading unseen passages - two passages one prose or drama and one poem with questions on comprehension, inference, grammar and verbal ability (Prose passage may be literary, scientific, narrative or discursive).</p> <p><b>Pedagogy of Language Development Questions:</b> Learning and acquisition, Principles of language Teaching, Role of listening and speaking; function of language and how children use it as a tool, Critical perspective on the role of grammar in learning a language for communicating ideas verbally and in written form, Challenges of teaching language in a diverse classroom; language difficulties, errors and disorders, Language Skills.</p> <p><b>Evaluating language comprehension and proficiency:</b> speaking, listening, reading and writing.</p> <p><b>Teaching-</b> learning materials: Textbook, multi-media materials, multilingual resource of the classroom, Remedial Teaching.</p>
B)	<p><b>Language – II (English)</b></p> <p><b>Language Comprehension Questions:</b> Two unseen prose passages (discursive or literary or narrative or scientific) with question on comprehension, grammar and verbal ability.</p> <p><b>Pedagogy of Language Development:</b> Learning and acquisition, Principles of language Teaching, Role of listening and speaking; function of language and how children use it as a tool, Critical perspective on the role of grammar in learning a language for communicating ideas verbally and in written form; Challenges of teaching language in a diverse classroom; language difficulties, errors and disorders, Language Skills.</p> <p><b>Evaluating language comprehension and proficiency:</b> speaking, listening, reading and writing.</p> <p><b>Teaching -</b> learning materials: Textbook, multi-media materials, multilingual resource of the classroom, Remedial Teaching.</p>

<b><u>Part-III Syllabus for General Studies</u></b>	
A)	Haryana related history, current affairs, literature, Geography, Civics, Environment, Culture, art, traditions, and welfare schemes of Haryana Government.
B)	<p><b>General Intelligence &amp; Reasoning:</b></p> <p>It would include questions of both verbal and non-verbal type. This component may include questions on analogies, similarities and differences, space visualization, spatial orientation, problem solving, analysis, judgment, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogistic reasoning etc.</p> <p><b>The topics are:</b> Semantic Analogy, Symbolic/Number Analogy, Figural Analogy, Semantic Classification, Symbolic/Number Classification, Figural Classification, Semantic Series, Number Series, Figural Series, Problem Solving, Word Building, Coding &amp; de-coding, Numerical Operations, symbolic Operations, Trends, Space Orientation, Space Visualization, Venn Diagrams, Drawing inferences, Punched hole/ pattern- folding &amp; un-folding, Figural Pattern-folding and completion, Indexing, Address matching, Date &amp; city matching, Classification of centre codes/roll numbers, Small &amp; Capital letters/numbers coding, decoding and classification, Embedded Figures, Critical thinking, Emotional Intelligence, Social Intelligence.</p>
C)	<p><b>Quantitative Aptitude:</b></p> <p>The questions will be designed to test the ability of appropriate use of numbers and number sense of the candidate. The scope of the test will be computation of whole numbers, decimals, fractions and relationships between numbers, Percentage. Ratio &amp; Proportion, Square roots, Averages, Interest, Profit and Loss, Discount, Partnership Business, Mixture and Allegation, Time and distance, Time &amp; Work, Basic algebraic identities of School Algebra &amp; Elementary surds, Graphs of Linear Equations, Triangle and its various kinds of centers, Congruence and similarity of triangles, Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square base, Trigonometric ratio, Degree and Radian Measures, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency polygon, Bar diagram &amp; Pie chart.</p>

## Part-IV Subject Specific Syllabus

<b>Science</b>	
A)	<p><b>Sorting Material and Group:</b> Object around us, Properties of materials, appearance, hardness, soluble or insoluble, transparency, object float or sink in water.</p> <p><b>Separation of substances:</b> Separation of substance, mixture and their types, methods of separation, filtration, threshing, evaporation, sedimentation and decantation, sieving, winnowing.</p> <p><b>Acids, Bases and Salts:</b> Acids and bases, natural indicators around us, Neutralisation, Neutralisation in everyday life.</p> <p><b>Physical and Chemical Change:</b> Physical and chemical changes, physical changes, chemical changes, rusting of Iron, Crystallisation.</p> <p><b>Coal and Petroleum:</b> Coal, petroleum, natural gas, some natural resources are limited.</p> <p><b>Combustion and Flame:</b> Combustion, How do we control fire, types of combustion, flame, structure of flame, What is a fuel, Fuel efficiency.</p> <p><b>Matter in our Surrounding:</b> Physical nature of matter, Characteristics of particles of matter, states of matter, can matter change its state, Evaporation.</p> <p><b>Is Matter Around us Pure:</b> What is a mixture, solution, separating the components of a mixture, physical and chemical change, types of pure substance.</p> <p><b>Atoms and Molecule:</b> Atom and molecule, laws of chemical combination, atom, molecule, mole concept, molecular mass, chemical formula.</p> <p><b>Structure of Atom:</b> Charged particle in matter, Structure of atom, electron distributed in different orbits, valency, atomic number and mass number.</p> <p><b>Chemical equation and Reaction:</b> Chemical reactions, chemical equations, Types of chemical reaction, effect of oxidation reaction in everyday life.</p> <p><b>Metal and Non- Metals:</b> Physical properties of metals and non metals, chemical properties, metal react with water, air and acids, reactivity series, Metal and non metal react, Properties of ionic compound, occurrence of metal, extraction, refining, corrosion and its prevention.</p> <p><b>Carbon and its Compound:</b> Carbon and its compounds, Bonding in carbon covalent bond, chemical properties of carbon compound, Important carbon compound- ethanol and ethanoic acid, soaps and detergents. <b>Subject related Pedagogy.</b></p>
B)	<p><b>Fundamental unit of life:</b> Cell and its Structural Organisation and functions, Cell division.</p> <p><b>The world of the living:</b> Forms and functions of plants and animals.</p> <p><b>Plant and animal tissues.</b></p> <p><b>Diversity in living organisms:</b> Classification of plants and animals with their characters.</p> <p><b>Various life processes of animals and plants:</b> Nutrition, Respiration, Transportation, Excretion (Including various systems of Human beings).</p> <p><b>Body movements:</b> Movement in animals, Human body and its movement, Control and coordination in plants and animals.</p> <p><b>Reproduction in organisms:</b> Modes of reproduction (Asexual and asexual reproduction) Reproductive health (Adolescence and puberty) Heredity and</p>

	<p>evolution.</p> <p><b>Disease:</b> Types, causes, agents, treatment and prevention.</p> <p>Weather, Climate and adaptation of organisms to different climate and habitat, Ecosystem, Pollution, Biogeochemical cycles, Ozone layer, Animal husbandry, Soil, Water, Forest &amp; Wild life, Environmental awareness, Conservation of plants and animals, Natural resources and their management.</p> <p><b>Food:</b> Its resources, components and functions, Improvement in food resources, Crop production and its management, Improvement in crop yields and management, Crop Protection management.</p> <p>Microorganisms. <b>Subject related Pedagogy.</b></p>
C)	<p><b>Motion &amp; Measurement:</b> Types of motion and non-uniform motion , speed, velocity and accelartion, Distance time graph, Velocity time graph, Equation of motion, Uniform circular motion, Measurement of distance and time.</p> <p><b>Force and laws of motion:</b> Types of forces, Balance and unbalanced forces, First law of motion, second law of motion, third law of motion, Friction, Factors effecting friction, Friction is necessary evil, wheels reducing friction, Fluid friction.</p> <p><b>Gravitation:</b> Universal law of gravitation, Importance of universal law of gravitation, free fall, To calculate value of g, Motion of objects under the influence of gravitational force of earth, Mass and weight, weight of object on moon, Thrust and Pressure, Atmospheric Pressure, Pressure in fluids, Buoyancy, why objects float or sink when placed on the surface of water Archimidis' Principle.</p> <p><b>Work, Energy &amp; Power:</b> Scientific concept of work, work done by constant force, Type of Energy, Kinetic energy, Potential energy, Law of conservation of energy, Rate of doing work,</p> <p><b>Sound:</b> Production of sound, propagation of sound, characteristics of sound waves, speed of sound in different media, echo, reverberation, uses of multiple reflection of sound, range of hearing audible and inaudible sounds, noise and music, noise pollution, application of ultrasound.</p> <p><b>Light:</b> transparent, opaque and translucent objects, A pinhole camera, sunlight-white or coloured , what is Braille system, reflection of light; spherical, representation of images formed by spherical mirror using ray diagrams: image formation by concave mirror, image formation by convex mirror, mirror formula and Magnification; Refraction of light: Refraction through a rectangular glass slab, the refractive index, refraction by spherical lenses, image formation by lenses, sign convention for spherical lenses, lens formula and magnification, power of lens.</p> <p><b>The human eye:</b> power of acoomodation; defects of vision and their correction; Myopia, Hypermetropia, presbyopia, Refraction of light through a prism; Dispersion of white light by a glass prism; Atmospheric refraction: twinkling of stars, advance sunrise and delayed sunset; Scattering of light: tyndal effect, why is the colour of the clear sky blue.</p> <p><b>Electricity &amp; circuits:</b> Electric cell, An electric circuit, electric switch, electric current, electric potential, ohm's law, factors on which resistance of conductor depends, grouping of renstance; series and parallel, specific resistance, heating effect of electric circuit and current, Practical application of heating effect of electric current, electric power chemical effect of current, electroplating.</p> <p><b>Magnetic effects of electric current:</b> Magnetic field and field lines; magnetic field due to a current carrying conductor: straight conductor, circular current loop,</p>

<p>solenoid, Right hand thumb rule, Fleming's left hand rule, Fleming's right hand rule, force on a current-carrying conductor in a magnetic field; electromagnet, electric bell, domestic electric circuit, motor and A.C generator. <b>Subject related Pedagogy.</b></p>
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### Physical Education

A)	<p><b>Physical Education:</b> Meaning, Definition, Aim, Objective &amp; Importance. History of Physical Education in India Pre and Post Independence Era. <b>Biological Basis of physical Education:</b> Growth and development, Heredity and Environment, Types of body, Classification of personality (Kretcher's and Sheldon's classification). Dimensions of personality. Physical education in Ancient Greece, Rome, Germany, Denmark, Sweden and Russia. Health and Hygiene, Balanced diet and nutrition, Health related fitness, obesity and its management, First-Aid, <b>Communicable diseases:</b> Their causes, and preventions. School health Programme and personal Hygiene, Sports injuries and their preventions, Postural deformities their causes and preventions, Sports Medicine (Basic Idea), Physiotherapy and Rehabilitation, Physical fitness &amp; Wellness. <b>Anatomy and Physiology:</b> Meaning and Definition of anatomy and physiology Anatomy &amp; Physiology of Respiratory system, Blood Circulatory system, Skelton system, Muscular system, Endocrine system, Digestive system, Nervous system (Neuro transmission) Excretory system: Its organs structure and functions.</p>
B)	<p>Ergogenic Aids, Doping and anti doping, Factors influencing performance in sports. <b>Kinesiology and Biomechanics:</b> Meaning and definition of kinesiology and biomechanics, joints and their movements, levers, muscular analysis of motor movement, laws of motion, Principles of equilibrium, force, muscular analysis of various sports activities. Mechanical analysis of fundamental movements. <b>Kinesiology and biomechanics:</b> running, jumping throwing, pulling and pushing. <b>Psychology and Sociology in sports:</b> Meaning and definitions, Aim and objective of Psychology in sports. <b>Learning:</b> Learning process, Theories of learning, Laws of Learning, Transfer of learning. <b>Motivation:</b> Internal and external motivation, Psychological factors affecting sports performance. <b>Leadership:</b> Meaning, definition &amp; Types, Leadership qualities. <b>Recreation:</b> Theories and principles of recreation, Recreation programmes for various age groups/categories. <b>Yoga Education:</b> History of Yoga, Meaning and definition, Aim and objective of yoga, Ashtanga yogam, Meaning of Ashtanga yoga, Various parts of Ashtanga yoga, Surya namaskar and its benefits, Pranayama: Its types and benefits, Strudhi Kriyas: Neti, Dhoti, Basti, Importance of yoga in daily life, Yoga as preventive measure for lifestyle diseases.</p>

C)	<p><b>Test Measurement and Evaluation:</b> concept of test measurement and evaluation, measurement of athletics(track and field events) Major games and Minor games, Rules and Regulations of all games and sports, Sports and Games terminology, Sports current affairs, Sports/Games Federations, National and Internationals games(Olympic Movement), Cups and Trophies, Stadiums, Tournaments and their Fixtures. Khelo India and Fit India Movement.</p> <p><b>Sports Management:</b> Concept and principles of management, organisation and functions of sports Bodies, Intramural and extramural, management of infrastructure, equipments finance and persons, planning in sports , officiating,</p> <p><b>Sports training:</b> concept of sports training, principles of sports training, Periodization, training methods, training programme for development of various motor qualities, technical and tactical preparation for sports, short term and long term training programmes, media and sports, computer applications in physical education and sports, National sports awards. .</p> <p><b>Subject related Pedagogy.</b></p>
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### English

<u>English</u>	
A)	<p><b>Reading Comprehension:</b> One/two unseen passage (prose/poem) to assess the candidate's ability to comprehend, analyse and interpret text.</p> <p><b>Language:</b> ( Pedagogy of English)- Aims and objectives of teaching English at secondary level, Methods and approaches of teaching English language, Teaching aids, Use of ICT in classroom.</p>
B)	<p><b>Grammar and Usage-</b> This will include questions based on verb patterns, tenses, analysis of sentences, transformation of sentences, voices, narration, articles, determiners, auxiliaries(Primary &amp; Modal) idiomatic expressions, phrasal verbs and part of speech in detail(Noun, pronoun, verb, adjective, adverb, conjunction, interjection, preposition).</p> <p>Basic phonetics- Word formation, vowel and consonant sounds, simple transcription.</p>
C)	<p><b>Literature:</b> Text based questions must be selected from the prescribed syllabus of the Board of School Education Haryana for classes VI to X, Difficulty level of the questions may be raised to UG Level.</p>

<b>Hindi</b>	
A)	हिन्दी भाषा एवं साहित्य का इतिहास:- भाषा के विविध रूप एवं सर्वैधानिक स्थिति, हिन्दी भाषा का इतिहास, देवनागरी लिपि का इतिहास, वैज्ञानिकता एवं विशेषताएं, हिन्दी साहित्य का इतिहास, नामकरण एवं विविध प्रवृत्तियाँ।
B)	माध्यमिक स्तरीय एवं पाठ्यक्रम में संकलित रचनाओं की जानकारी:- बसंत भाग-1,2 एवं 3 में संकलित गद्य एवं पद्य रचनाओं पर आधारित प्रश्न, पाठ्यक्रम में संकलित कविताओं के भाव, भाषा एवं शैली पक्ष पर आधारित प्रश्न, पाठ्यक्रम में संकलित गद्य रचनाओं और उनके विविध पक्षों के ज्ञान पर आधारित प्रश्न, पाठ्यक्रम में आए पर्यायवाची, विलोम एवं अनेकार्थक शब्दों के साथ-साथ वाक्यांश के लिए एक शब्द से संबंधित प्रश्न।
C)	काव्यशास्त्र एवं व्याकरण:- काव्य गुण एवं काव्य दोष पर आधारित प्रश्न, अलंकार - उपमा, रूपक, उत्प्रेक्षा, वक्रोक्ति, श्लेष, अतिशयोक्ति, असंगति एवं द्रष्टांत पर आधारित प्रश्न, छंद - दोहा, रोला, हरिगीतिका, मालिनी, कवित्त, सवैया, वंशस्थ पर आधारित प्रश्न, रस एवं रस के अवयव पर आधारित प्रश्न, वर्ण विचार - स्वर एवं व्यंजन के प्रकार, प्रयत्न एवं स्थान की दृष्टि से, शब्द विचार- तत्सम, तद्भव, देशज एवं विदेशज पर आधारित प्रश्न, संधि, समास, उपसर्ग, प्रत्यय पर आधारित प्रश्न, विकारी शब्द - संज्ञा, सर्वनाम, विशेषण, क्रिया, अविकारी शब्द - क्रिया विशेषण, संबंधसूचक, समुच्चय बोधक एवं विस्मयादिबोधक, वाक्य एवं पद विचार पर आधारित शुद्ध वाक्यों की पहचान, मुहावरे एवं लोकोक्तियाँ, शुद्धाशुद्ध शब्द-वर्तनी पर आधारित शुद्ध-अशुद्ध।



## HTET SYLLABUS (2023) FOR LEVEL-2 (TGT)

Subject Specific: Urdu Questions: 60 MCQs Marks: 60

نوٹ: اردو زبان کے نصاب کو HTET Level-2(TGT) کے لیے تین حصوں میں تقسیم کیا گیا ہے۔ پہلا حصہ شاعری کا ہے، دوسرا حصہ نثر کا اور تیسرا حصہ قواعد پر مبنی ہے۔

حصہ اول

موضوع: شاعری

شمار نمبر	اسباق
☆	نظم کی تعریف اور اس کی اہم اقسام کا مطالعہ، غزل کی تعریف اور اس کا فن، گیت کی تعریف اور اس کا فن، دوہے کی تعریف اور اس کا فن، نصاب میں شامل شعرا کی حیات و شخصیات اور تخلیقات کا مطالعہ۔
1.	ہمارا وطن (نظم) چکیت
2.	درختوں سے محبت (نظم) مدحت اختر
3.	بچے کی دعا (نظم) علامہ اقبال
4.	ہریانہ کا کسان (نظم) ادارہ
5.	ہر انسان برابر ہے (نظم) مظفر حنفی
6.	بسنت (نظم) نظیر لدھیانوی
7.	قلم (نظم) ماخوذ
8.	نیل گنگن میں تارے (نظم) شریف احمد شریف
9.	اردو زبان ہماری (نظم) ماخوذ
10.	مٹی کا دیا (نظم) الطاف حسین حالی
11.	عورتوں کا درجہ (نظم) الطاف حسین حالی
12.	صبر کا پھل (نظم) مظفر حنفی
13.	جانو (نظم) سکندر علی وجد
14.	ایک لڑکی کا گیت (نظم) اختر شیرانی
15.	ابر بہار (نظم) تلوک چند محروم
16.	البیلا ہریانہ (نظم) بیگل اتساہی
17.	ہندو مسلمان (نظم) تلوک چند محروم

18.	ایک دیہاتی لڑکی کا گیت (گیت) اختر شیرانی
19.	بہادر بنو (نظم) سورج نرائن مہر
20.	ایک پودا اور گھاس (نظم) اسماعیل میرٹھی
21.	دو بے (کبیر)
22.	بہار کے دن (نظم) افسر میرٹھی
23.	حمد (نظم) اسماعیل میرٹھی
24.	نیکی اور ہدی (نظم) نظیر اکبر آبادی
25.	ہستی اپنی حباب کی سی ہے (غزل) میر تقی میر
26.	کوئی امید بڑ نہیں آتی (غزل) مرزا غالب
27.	پہاڑ اور گلہری (نظم) اقبال
29.	اے شریف انسانو! (نظم) ساحر لدھیانوی
30.	قدم بڑھاؤ دوستو! (نظم) بشیر نواز

حصہ دوم

موضوع: نثر

شمار نمبر	اسباق
☆	اردو ادب کی تاریخ، اردو زبان کی نشوونما سے متعلق اہم نظریات، مضمون کی تعریف اور اس کے اہم اجزاء، افسانہ مختصر افسانہ کہانی کی تعریف فن اور اجزائے ترکیبی، مکالمہ کی تعریف اور اس کا فن، ڈراما کی تعریف فن اور اجزائے ترکیبی، انشائیہ کی تعریف اور اس کا فن، آپ بیتی، خودنوشت کی تعریف اور اس کا فن۔ نصاب میں شامل نثر نگاروں کی حیات و شخصیات اور تخلیقات کا مطالعہ۔
1.	پتنگ (کہانی) ادارہ
2.	ہریانہ کی گرام پنچایت (مضمون) ادارہ
3.	حالی پانی پتی (مضمون) ادارہ
4.	اپنا کام خود کرو (کہانی) ادارہ
5.	کونین (مضمون) ادارہ
6.	سادگی (شخصیت) ادارہ
7.	کولتار (مضمون) ادارہ
8.	چاند بی بی (شخصیت) ادارہ

9.	سونے کا چوہا (کہانی) ادارہ
10.	پیدل سے ہوائی جہاز تک (مضمون) ادارہ
11.	موقع پرست (کہانی) ادارہ
12.	پرندوں کا شیدائی (شخصیت) ادارہ
13.	چڑیا گھر کی سیر (ماحولیات) ادارہ
14.	ہریانہ کی قومی وراثت (مضمون) ادارہ
15.	گپڑی: ہریانہ کی شان (مضمون) ادارہ
16.	کھدے رکافن (کہانی) خواجہ احمد عباس
17.	لوک گیت (مضمون) ادارہ
18.	ایم۔ ایس۔ سہانگشی (مضمون) ادارہ
19.	گارو (مضمون) ادارہ
20.	وہ صبح کبھی تو آئے گی (آپ بیتی) سلیمی
21.	مرچ نامہ (انشائیہ) خواجہ حسن نظامی
22.	سید مشتاق علی (مضمون) ادارہ
23.	گیٹ (مضمون) ادارہ
24.	پہلی جنگ آزادی کا سپہ سالار (مضمون) ادارہ
25.	چوں چوں بیگم (کہانی) شفیقہ فرحت
26.	ابن سینا (مضمون) ادارہ
27.	آڈیو لگانیں (ماحول) ادارہ
28.	میوات کا سماجی نظامی (مضمون) ادارہ
29.	آزاد بند فوج کا جاں باز سپاہی (مضمون) ادارہ
30.	صالحہ عابد حسین (شخصیت) ادارہ
31.	بہادر شاہ کا ہاتھی (مضمون) میر باقر علی و ہلوی
32.	نادان دوست (کہانی) منشی پریم چند
33.	چڑیا گھر کی سیر (مضمون) ادارہ
34.	احسان کا بدلہ احسان (کہانی) ڈاکٹر ذاکر حسین
35.	سند باد جہازی کا ایک سفر (عربی کہانی) ترجمہ

36.	کہاوتوں کی کہانی (مضمون) فرقت کا کوروی
37.	تڑکا تھوڑی ہوا سے اڑ جاتا ہے (کہانی) ترجمہ: محمد مجیب
38.	مصنوعی سیارہ (مضمون) ادارہ
39.	ملا نصر الدین (مضمون) احمد جمال پاشا
40.	وقت (مضمون) ڈپٹی نذیر احمد
41.	غیر قدری اقباس (Unseen Passage)
42.	بے تکلفی (انشائیہ) کنھیا الال کپور
43.	زبانوں کا گھر ہندوستان (مضمون) سید احتشام حسین
44.	خدا کے نام خط (ترجمہ: اپنی لوک کہانی) گرگور پولوپیتز فو آسنے
45.	ڈاکٹر بھیم راؤ امبیڈکر (مضمون) ادارہ
46.	آدی کی کہانی (مضمون) محمد مجیب
47.	انٹرنیٹ (مضمون) ادارہ
48.	نئی روشنی (مکالمہ) ماخوذ
49.	رضیہ سلطان (مضمون) ماخوذ
50.	کاٹھ کا گھوڑا (کہانی) رتن سنگھ
51.	کارٹوس (ڈراما) حبیب تنویر

### حصہ سوم

#### موضوع: قواعد

حروف تہجی، جزم، تشدید، تنوین، اسم، ضمیر، صفت اور فعل وغیرہ، محاورے، کہاوتیں، مذکر - مؤنث، واحد - جمع اور متضاد۔ علم بیان اور علم بدیع کی اہم اقسام: تشبیہ، استعارہ، کنایہ، مجاز، مرسل، صنعت تضاد، حسن تغلیل، تخیل، عارفانہ، تلمیح، مبالغہ اور ایہام۔
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نوٹ: مندرجہ بالا نصاب جماعت 6 سے 10 ویں تک کی این سی ای آر ٹی (NCERT) کی کتاب 'جان پہچان' (حصہ ایک سے پانچ) سے ماخوذ ہے۔  
سوالات انہیں اسباق پڑھنی ہوں گے۔

## विषय: – संस्कृतम् लेवल – 2

### प्रथमो भागः

➤ एषु पाठ्यपुस्तकेषु नियोजितान् पाठ्यविन्दुन् आधारीकृत्य पठित-अपठित-गद्यांशाधारिताः बहुविकल्पात्मकाः प्रश्नाः प्रष्टव्याः।

- |                       |                         |                       |
|-----------------------|-------------------------|-----------------------|
| 1. रुचिरा प्रथमो भागः | 2. रुचिरा द्वितीयो भागः | 3. रुचिरा तृतीयो भागः |
| 4. शेमुषी प्रथमो भागः | 5. शेमुषी द्वितीयो भागः |                       |

१) एतानि सूत्राणि आधारीकृत्य संज्ञा प्रकरणतः सामान्यप्रश्नाः।

इत्संज्ञा, प्रत्याहारसंज्ञा, उदात्त, अनुदात्त, स्वरित, संयोगसंज्ञा, सवर्णसंज्ञा, उच्चारणस्थानानि, पदसंज्ञा, प्रयत्नानि।

२) निम्नलिखित-सन्धिसूत्रानुसारं सन्धेः सन्धिविच्छेदस्य च सूत्राणि -

इको यणचि, अकः सवर्णे दीर्घः, आद्गुणः, वृद्धिरेचि, लोपः शाकल्यस्य, स्तोः श्चुना श्चुः, ष्टुना ष्टुः, झलां जशोऽन्ते, यरोऽनुनासिकेऽनुनासिको वा, तोर्लि, झयो होऽन्यतरस्याम्, उदः स्थास्तम्भोः पूर्वस्य, झरो झरि सवर्णे, छे च, शश्छोऽटि, मोऽनुस्वारः, अनुस्वारस्य ययि परसवर्णः, ङमो ह्रस्वादचि ङमुणित्यम्, एचोऽयवायावः, वान्तो यि प्रत्यये, अचोऽन्यादि टि, एत्येधत्पूर्वसु, उपसर्गादिति धातौ, एङि पररूपम्, ओमाङ्गेश्च, एङः पदान्तादति, ईद्वेदेद् द्विवचनं प्रगृह्यम्, विसर्जनीयस्य सः, ससजुषो रुः, अतो रोरप्लुतादप्लुते, हशि च, भो-भगो-अघो-अपूर्वस्य योऽसि, रोऽसुपि, रो रि, द्रतोपे पूर्वस्य दीर्घोऽणः।

३) समासाः - मध्यसिद्धान्तकौमुदी - अनुसारं सूत्रसहितम् -

केवलसमासः, अव्ययीभावसमासः, तत्पुरुषः, कर्मधारयः, द्विगुः, द्वन्द्वः, बहुव्रीहिः - एतेषां सामान्यपरिचयः, पदानां समासः, समासविग्रहश्चेति।

४) एतेषां प्रत्ययानां सामान्याभिज्ञानम् - पूर्वकृदन्त, उत्तरकृदन्त, तद्धित, स्त्रीलिङ्गश्च (मध्यसिद्धान्तकौमुदी-अनुसारं सूत्रसहितं प्रकृति-प्रत्यय-आधारिताः प्रश्नाः) :-

क्त, क्तवतु, शत्, शानच्, उ, यत्, तव्यत्, तव्य, अनीयर्, केलिमर्, क्यप्, प्यत्, ष्वल्, तृच्, ल्यु, णिनि, क, ष्वुन्, वुन्, अण्, टक्, ट, खश्, खच्, ड, क्त्वा, ल्यप्, क्तिप्, तुमुन्, घञ्, क्तिन्, वसु, षाकन्, रसु, क्नु, इत्र, ष्टुन्, नङ्, नन्, अच्, अप्, कि, अङ्, युच्, णमुल्, मतुप्, तरप्, तमप्, इष्टन्, ण्य, ठक्, ठन्, ठञ्, ट्यण्, तल्, य, ड्वल्, वल्, छ, त्यप्, म, एण्य, मयट्, प्लञ्, डट्, तीय, उरच्, र, ग्मिनि, तिकन्, च्चि, डाच्, साति, विनि, टाप्, चाप्, ङीप्, ङीन्, ऊङ्, ति।

### द्वितीयो भागः

१) निम्नलिखिताव्ययपदसम्बन्धिसामान्यप्रश्नाः (सूत्रसहितम्) :-

अत्र, अधः, इतः, इत्यम्, इदानीम्, शनैः, उच्चैः, नीचैः, नमः, कथम्, कदापि, यद्यपि, यथा, तथा, खलु, धिक्, प्रातः, किम्, किमर्थम्, यतः, कुतः।

२) सामान्यप्रश्नाः :-

अ) प्रादयोपसर्गसम्बन्धिसामान्यप्रश्नाः।

उपसर्गाः क्रियायोगे।

ब) विशेष्यः विशेषणञ्च।

स) विलोमपदं पर्यायपदञ्च।

४) कारकप्रकरणम् - सिद्धान्तकौमुदी-अनुसारं (सूत्रसहितम्) सामान्यपरिचयात्मकाः प्रश्नाः वाक्यप्रयोगाश्च।

### तृतीयो भागः

१) निम्नलिखितानां छन्दसामलङ्काराणां च सामान्यपरिचयः :-

\* छन्दांसि -

अनुष्टुप्, इन्द्रवज्रा, उपजाति, वंशस्थम्, द्रुतविलम्बितम्, वसन्ततिलका, मालिनी, शार्दूलविक्रीडितम्, शिखरिणी, मन्दाक्रान्ता।

\* अलङ्काराः -

अनुप्रासः, यमकम्, श्लेषः, उपमा, अर्थान्तरन्यासः, उत्प्रेक्षा, अतिशयोक्तिः, निदर्शना।

२) निम्नलिखितानां महाकविनामेव व्यक्तित्वस्य कृतित्वस्य च सम्बन्धिसामान्यप्रश्नाः :-

क) महाकवयः :- कालिदासः, भारविः, श्रीहर्षः, माघः, वाल्मीकिः, वेदव्यासः।

ख) गद्यकाव्यकवयः :- दण्डी, सुबन्धुः, बाणभट्टः, अम्बिकदत्तव्यासः, शुद्रकः।

ग) नीतिकवयः :- भर्तृहरिः, पं. विष्णुशर्मा, नारायणपण्डितः।

घ) काव्यशास्त्रकाराः :- मम्मटः, भामहः, आनन्दवर्धनः, विश्वनाथः, भरतमुनिः।

ङ) आधुनिकसंस्कृतकवयः :- देवर्षिः कलानाथशास्त्री, भट्ट मथुरानाथशास्त्री, पं. पद्मशास्त्री, डॉ. प्रभाकरशास्त्री।

च) षड्वेदाङ्गानि :- शिक्षा, कल्पः, व्याकरणम्, ज्योतिषः, छन्दः, निरुक्तम् (एतेषां सामान्यपरिचयः)।

३) उपनिषदां वेदानां च सामान्यपरिचयः।

HTET LEVEL- 2

MM : 60

SUBJECT : PUNJABI

Part -1

ਭਾਗ ਪਹਿਲਾ :- ਪਾਠ ਪੁਸਤਕਾਂ ਵਿਚ ਸੰਕਲਿਤ ਰਚਨਾਵਾਂ : ਜਮਾਤ ਛੇਵੀਂ, ਸਤਵੀਂ ਅਤੇ ਅੱਠਵੀਂ

ਪਹਿਲਾ ਕਦਮ, ਦੂਜਾ ਪੜਾਅ, ਅਤੇ ਉਡਾਣ ਪਾਠ ਪੁਸਤਕਾਂ ਵਿਚ ਦਰਜ ਬਾਲਗੀਤ/ਕਵਿਤਾਵਾਂ, ਬਾਲ-ਕਹਾਣੀਆਂ / ਕਹਾਣੀਆਂ, ਇਕਾਂਗੀ/ ਨਾਟਕ, ਜੀਵਨੀਆਂ ਅਤੇ ਲੇਖਾਂ ਦੇ ਵਿਸ਼ਾ -ਵਸਤੂ, ਰੂਪਕ ਪੱਖ, ਉਦੇਸ਼, ਬਾਲ ਮਨ ਉੱਤੇ ਪੈਂਦੇ ਪ੍ਰਭਾਵ ਆਦਿ ਨਾਲ ਸੰਬੰਧਿਤ ਭਿੰਨ-ਭਿੰਨ ਦ੍ਰਿਸ਼ਟੀਕੋਣ ਤੋਂ ਉਭਰਦੇ ਪ੍ਰਸ਼ਨ ਦਿੱਤੇ ਜਾਣ।

Part -2

ਭਾਗ ਦੂਜਾ :- ਪਾਠ ਪੁਸਤਕਾਂ ਵਿਚ ਸੰਕਲਿਤ ਰਚਨਾਵਾਂ :- ਜਮਾਤ ਨੌਵੀਂ ਅਤੇ ਦਸਵੀਂ

ਸਾਹਿਤਕ ਕਿਰਨਾਂ -1 ਅਤੇ ਸਾਹਿਤਕ ਕਿਰਨਾਂ -2 ਵਿਚ ਦਰਜ ਕਵਿਤਾਵਾਂ ਦੇ ਵਿਸ਼ਾ - ਵਸਤੂ, ਕੇਂਦਰੀ ਭਾਵ, ਕਾਵਿ ਕਲਪਨਾ, ਕਾਵਿ ਗੁਣ, ਕਾਵਿ ਸ਼ੈਲੀ ਨਾਲ ਸੰਬੰਧਿਤ ਪ੍ਰਸ਼ਨ/ਵਾਰਤਕ ਰਚਨਾਵਾਂ ਦੇ ਵਿਸ਼ਾ - ਵਸਤੂ, ਵਿਸ਼ੇਸ਼ -ਵਿਚਾਰ, ਵਿਗਿਆਨਿਕ ਦ੍ਰਿਸ਼ਟੀਕੋਣ, ਗੱਦ ਸ਼ੈਲੀ ਨਾਲ ਸੰਬੰਧਿਤ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣ।

ਸਾਹਿਤਕ ਰੰਗ -1 ਅਤੇ ਸਾਹਿਤਕ ਰੰਗ -2 ਵਿਚ ਦਰਜ ਕਹਾਣੀਆਂ ਦੇ ਵਿਸ਼ਾ -ਵਸਤੂ, ਕਹਾਣੀ ਵਿਚਲੀ ਸੰਵੇਦਨਾ, ਉਦੇਸ਼, ਪ੍ਰਾਪਤ ਸਿੱਖਿਆ, ਭਾਸ਼ਾ ਸ਼ੈਲੀ, ਪਾਠਕ/ ਵਿਦਿਆਰਥੀ ਦੇ ਮਨ ਉੱਤੇ ਪਏ ਪ੍ਰਭਾਵ ਆਦਿ ਨਾਲ ਸੰਬੰਧਿਤ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣ। ਇਸ ਤੋਂ ਇਲਾਵਾ ਇਕਾਂਗੀਆਂ ਦੇ ਵਿਸ਼ਾ ਵਸਤੂ, ਪਾਤਰ ਚਿਤਰਣ, ਉਦੇਸ਼, ਨਾਟ ਸ਼ੈਲੀ, ਰੰਗ ਮੰਚ, ਅਜੋਕੇ ਸਮੇਂ ਵਿਚ ਸੰਬੰਧਿਤ ਵਿਸ਼ੇ ਦੀ ਸਾਰਥਕਤਾ/ ਪ੍ਰਸੰਗਿਕਤਾ ਆਦਿ ਨਾਲ ਸੰਬੰਧਿਤ ਭਿੰਨ- ਭਿੰਨ ਦ੍ਰਿਸ਼ਟੀਕੋਣ ਤੋਂ ਉਭਰਦੇ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣ। ਇਸੇ ਤਰ੍ਹਾਂ ਜੀਵਨੀਆਂ ਵਿਚ ਜੀਵਨੀ ਨਾਇਕ ਦੇ ਨਿੱਜੀ ਜੀਵਨ, ਉਸ ਦੇ ਜੀਵਨ ਵਿਚ ਆਈਆਂ ਐਕਤਾਂ, ਉਸ ਦੇ ਸੰਘਰਸ਼, ਪ੍ਰਾਪਤੀਆਂ ਅਤੇ ਸਮਾਜ ਨੂੰ ਦਿੱਤੀ ਸੇਧ ਪ੍ਰੇਰਣਾ ਆਦਿ ਸਬੰਧੀ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣ।

Part -3

ਭਾਗ ਤੀਜਾ :- ਵਿਆਕਰਣ ਦੀ ਭੂਮਿਕਾ :-

- \* ਵਰਣ ਬੋਧ (ਵਰਣ, ਲਗਾ -ਮਾਤਰਾ, ਲਗਾਖਰ)
  - \* ਸ਼ਬਦ ਬੋਧ ( ਨਾਂਵ, ਪੜਨਾਂਵ, ਵਿਸ਼ੇਸ਼ਣ, ਕਿਰਿਆ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਸੰਬੰਧਕ, ਯੋਜਕ, ਲਿੰਗ ਬਦਲੇ, ਵਚਨ ਬਦਲੇ,ਕਾਰਕ, ਕਾਲ, ਪਦ- ਵੰਡ)
  - \* ਸ਼ਬਦ ਰਚਨਾ (ਅਗੇਤਰ, ਪਿਛੇਤਰ, ਸਮਾਸੀ ਸ਼ਬਦ )
  - \* ਵਾਕ - ਬੋਧ ( ਵਾਕ - ਰਚਨਾ, ਵਾਕ - ਵੰਡ, ਵਾਕ - ਵਟਾਂਦਰਾ, ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ)
  - \* ਵਿਰੇਧੀ ਸ਼ਬਦ ,ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ, ਬਹੁ ਅਰਥਕ ਸ਼ਬਦ ।
  - \* ਮੁਹਾਵਰੇ ਅਤੇ ਅਖਾਣ ।
  - \* ਅਣ ਡਿੱਠਾ ਪੈਰਾ (ਇਕ ਕਵਿਤਾ ਵਿਚੋਂ, ਇਕ ਵਾਰਤਕ ਵਿਚੋਂ)
  - \* ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਗੁਰਮੁੱਖੀ ਲਿੱਪੀ ਨਾਲ ਸੰਬੰਧਿਤ ਪ੍ਰਸ਼ਨ ।
  - \* ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸੱਭਿਆਚਾਰ ਨਾਲ ਸੰਬੰਧਿਤ ਪ੍ਰਸ਼ਨ।
  - \* ਵਿਆਕਰਣ ਨਾਲ ਸੰਬੰਧਿਤ ਪ੍ਰਸ਼ਨ ।(ਪਾਠ ਪੁਸਤਕਾਂ ਤੇ ਸਹਾਇਕ ਪੁਸਤਕਾਂ ਵਿਚੋਂ)
-



<b>Fine Arts</b>	
A)	Introduction of art, Fundamentals of visual art, the elements, Principal of art and design, Shadanga of Indian art, Importance of art in life.
B)	Traditional and modern techniques, Process and procedure in art (Painting, Sculpture, applied art) Perspective, Indian folk art.
C)	Indian national flag and its evolution, Indian art history and development from pre-historic time to contemporary period including-applied art and graphic. <b>Subject related Pedagogy.</b>

<b>Social Studies</b>	
A)	<p><b>General Geography-</b> Geography as a Social Study, The Solar System, The Earth-Motions, Globe, Latitudes and Longitudes, Major Spheres of the Earth, Inside our Earth- Layers and Rocks, Our Earth- Mountains, Plateaus, Plains, Volcanoes and Earthquakes, Development of Landforms- Various agents and processes, Atmosphere- Composition, Structure, air pressure, winds, precipitation and climatic regions, Hydrosphere and its importance, Tides and Ocean Currents. Water, Environment- Concept, ecosystem, pollutions, Hazards and Disasters. Human Environment Interactions, Resources- Land, soil, Water, Natural Vegetation and Wildlife Resources, Agriculture- Types and methods, Major crops and developments, Industries- Classification and distribution, Human Resource, Maps and their types.</p> <p><b>Geography of India-</b> India-Size and Location Physiography and Physical structure, Drainage, Climate and Monsoon, Natural Vegetation and Wildlife, Water Resources, Agriculture- Major crops, their distribution and related problems, Minerals and Energy Resources, Major Manufacturing Industries- classification and distribution, Lifelines of National Economy. <b>Subject related Pedagogy.</b></p>
B)	<p><b>Political Theory:</b> Nature Scope and Significance of Political Theory, State-Elements and various theories of its origin, Nature &amp; functions, Sovereignty, Liberty, Equality, Justice, Right, Citizenship, Nationalism, Secularism, Consumers Protection Rights, Feminism.</p> <p><b>Form of Government:</b> Democratic and Dictatorship, Parliamentary and Presidential. Unitary and Federal.</p> <p><b>Democracy:</b> Concept, various types, theories and methods of representation in Democracy, Popular Struggle and various Movements for Democracy. Various Challenges to Democracy Inequality, Poverty, Economic Growth and Development, Illiteracy, Linguism, Religionism, Communalism, Casteism, Separatism, Political Violence, National Integration, Gender issues, Religion, Marginalization.</p> <p><b>Indian Constitution:</b> Constitutional Development and making of Constitution of India, Sources, Features, Preamble. Fundamental Rights and Duties, Directive Principles of State Policy. The Union Executive- President, Vice President, Prime Minister and Council of Ministers, Union Legislature – Composition, Procedure of Law making, Amendment Procedure, State legislature. Indian judiciary- Supreme</p>

	<p>Court, High Court, Judicial Review and Judicial Activities Public Interest litigation, Right to Information Act, Federalism, Development of Panchayati Raj Institutions and 73rd Constitutional Amendment, Election Commission, Electoral Process and Electoral Reforms, Politics of Defection, Party System in India, National and Regional Political Parties, Coalition Government, Politics of Reservation.</p> <p><b>UNO:</b> Origin and evolution of UNO, Organs of UNO, Specialized Agency of UNO, Role of Security Council, Role of Secretary General of UNO, Democratization of UNO.</p> <p><b>Foreign Policy of India:</b> Basic principles, India and its neighbours (Pakistan, Nepal, Bhutan, Bangladesh, Srilanka and China) relation with USA and Russia, Era of Cold War and Post- Cold War. NAM and its relevance, Collapse of Bipolarity, New World Order, European Union, SAARC, ASEAN, WTO, IME, World Bank, Disarmament, Globalization, Environmentalism. <b>Subject related Pedagogy.</b></p>
C)	<p><b>Ancient India:</b> Sources of Ancient Indian History, Prehistoric Civilization: From Hunter-gatherer to Neolithic Revolution. Harappan Civilization: Sites and salient features etc. Religious Trends: Vedic, Buddhism and Jainism: Basic Facts and comparison. Mahajanapad Period: Polity and Economy</p> <p>Mauryan Empire: Administration and Policies. Foreign Invaders and their inclusion in Indian culture, Post Mauryan states and political developments in India, Southern states : Chalukayas, The Pallavas and Cholas, Trade and Commerce in Ancient India: Trade and major trade routes, urbanization.</p> <p>Gupta and Vardhana Empire: Socio-cultural life, Economy, administration etc.</p> <p>Expansion of Indian Culture in World. Art &amp; Architecture from ancient to Post Gupta period.</p> <p><b>Medieval India:</b> Sources of History of Medieval India (700AD to 1750AD). Dynasties and rulers in Early Medieval India(700AD to 1200AD): Tripartite Struggle, The Palas, The Pratiharas and Rastrakutas, King Dhahir and Anangpal, Suhaldev and Prithvi Raj Chauhan. Delhi Sultanate and Mughals: Administration &amp; Policies, Vijaynagar Empire, Chattarpati Shivaji and Marathas, Medieval Art &amp; Architecture, languages and Literature etc. Social- Religious Movements( Bhakti, Sufi, Tradition of Sikh Gurus, Nayanars and Alwars etc.) Trade and Commerce, Art &amp; Architecture, Urban Centers , Agrarian Society during Medieval India.</p> <p><b>Modern India:</b> Sources of Modern Indian History, India in 18 th Century, European Companies and their conflict in Bengal and other Indian states. Change in Land Revenue System and Early Indian Resistance. Revolution 1857: Causes, Events, Nature and Repercussion. Indian Renaissance of 18 th century: Women and Low caste emancipation. British Education Policy. Colonization and its effect on indigenous textile industry: Origin of Industrialization. Urbanization and Architecture during Colonial Period. Rise of Nationalism, Indian National Movement (1885-1947), Role of Gandhi Ji, Neta Ji &amp; INA Independence &amp; Partition. Framing of Indian Constitution, Role of Haryana in Indian National Movement. Fifty years of Indian Independence.</p> <p><b>World History:</b> History of Human Evolution: Origin of Homo Sepienn. Prehistoric Man: History tools etc. Rise of Islam: Caliphate, Confucianism, Jews and Parsi Philosophies, Genghis Khan and Mongolian Empire, Feudalism in Europe during medieval period, the role of Church in the socio-political life of Europe. European Renaissance: Development of urban Centers in Medieval Europe. Colonization,</p>

	<b>Imperialism. Subject related Pedagogy.</b>
D)	<p><b>Agriculture:</b> Role of Agriculture in India, Agricultural Development in India during various Five Year Economic Plans, Farm - Products, Non - Farm Activities.</p> <p><b>Factor of Production:</b> Land, Labour, Capital and Entrepreneur, Human capital. Theories of Rent, Wages, Interest &amp; Profit, Unemployment and trends of unemployment in India.</p> <p><b>Poverty:</b> Overview, Types, Measurement, Causes, Inter States Disparities, Poverty Estimation, Anti Poverty Measures/Schemes and Future Challenges. <b>Food Security:</b> Meaning, Causes, Green Revolution, Major Food Security Programs Including Public Distribution System and Its Progress in India, Buffer Stocks, Pillars of Food Security.</p> <p><b>Development:</b> Meaning of Economic Growth, Economic Development and Sustainable Development, Measurement of Development- Conventional, HDI, HPI, PQLI and Hunger index, Developmental Comparison at Inter-State and International Level.</p> <p><b>Sector of Indian Economy:</b> Scope of Economic Activities, Primary, Secondary and Tertiary Sector, Organised and Unorganised Sectors, Public and Private Sectors.</p> <p><b>Money and Credit:</b> Meaning of Money, Functions, Modern Forms of Money, Commercial Banks and Their Role, RBI and its functions, Credit Creation, Money Multiplier, Formal and Informal Credit.</p> <p><b>Globalisation and Indian Economy:</b> New Economic Policy - Liberalisation, Privatisation and Globalisation, Features, Favourable and Unfavourable Effect on Indian Economy. World Trade Organization (WTO) – Its Structure and Functions, Positive and Negative aspect of Globalisation.</p> <p><b>Consumer Rights:</b> Consumer Protection Act 1986 (COPRA), Consumers Movements in India, Consumer Exploitation, Consumer Responsibilities, Consumer Rights and Its Progress.</p> <p><b>Utility Analysis:</b> Utility- Meaning and Types, Cardinal Utility Analysis, Ordinal Utility Analysis, Indifference Curve Analysis.</p> <p><b>Demand Analysis:</b> Demand- Meaning &amp; Factors affecting it, Law of Demand, Elasticity of Demand. <b>Subject related Pedagogy.</b></p>

<b>Mathematics</b>	
A)	<p><b>Number system , Arithmetic and Trigonometry :</b> Roman Numerals, Whole numbers, Natural numbers, Integers, Rational and Irrational numbers and Real numbers, Their properties and representation on number line, LCM, HCF of Natural numbers , Squares and square root, Cubes and cube root, Laws of exponents, Ratio and proportions, Percentage, Decimals, Fractions, Profit and loss, Discount, Time and work, Direct and Indirect proportion, Unitary method , Comparing quantities, Introduction to trigonometry and its application to find heights and distance .</p>
B)	<p><b>Algebra, Statistics and Probability:</b> Algebraic expression and identities, Factorisation, Linear equations in one and two variables, Graphs of linear equations, Polynomials, Quadratic equations, Arithmetic Progression , Data Handling, Average, Pie diagrams, Bar diagrams, Histograms ,frequency polygons ,Measure of central tendency Mean, Median ,Mode, Probability, Theoretical approach.</p>

C)	<b>Geometry, Coordinate Geometry and Mensuration</b> : Euclid's Geometry, Lines and Angles, Lines of symmetry, Triangle and its properties, Types of triangles and various kind of its centres, Perimeter and area, Congruence and Similarity of triangles, Regular Polygon, Quadrilaterals, Circles, Area related to circles, Coordinate Geometry, Heron's formula, Pythagorean theorem, Visualising Solid shapes, Area of polygon, Surface area and volume of cube, Cuboid, cylinder, Right circular cylinder, cone, right circular cone and sphere, Surface area and volume of combination of solids. <b>Subject related Pedagogy.</b>
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<b>Music</b>	
A)	परिभाषा:- संगीत की परिभाषा, ध्वनि की परिभाषा, नाद की परिभाषा, श्रुति की परिभाषा, स्वर की परिभाषा, सप्तक की परिभाषा, राग की परिभाषा व राग के नियम, राग की जातियाँ, थाट की परिभाषा व थाट के नियम, गीत, लक्षण गीत, सरगम गीत की परिभाषा, उत्तर और दक्षिण भारतीय संगीत पद्धति, तानपुरा का परिचय, मानव जीवन में संगीत का स्थान, शब्द की जानकारी, सुगम संगीत व सुगम संगीत की विधाओं का ज्ञान, हरियाणवी संस्कृति का ज्ञान, (हरियाणवी लोकगीत), भजन, राष्ट्रीय गान, देशभक्ति गीत, वन्दे मातरम् गीत (राष्ट्रीय गीत का ज्ञान) की परिभाषा। संगीतज्ञ के जीवन परिचय:- तानसेन, सदारंग और अदारंग, पं० जसराज, किशोरी अमोनकर का जीवन परिचय, संगीत के ग्रंथ: संगीत रत्नाकर, नाट्यशास्त्र ग्रन्थ(भरतमुनि), रागों का सैद्धान्तिक ज्ञान: राग भीमप्लासी, वृंदावनी सारंग, राग खमाज, राग भैरव, यमन, राग दुर्गा, राग भूपाली, राग विलावल, राग हमीर, राग काफी, राग भैरवी का सम्पूर्ण शास्त्रीय परिचय।
B)	परिभाषा:- ताल की परिभाषा, लय की परिभाषा, ताल, सम, खाली, विभाग, मात्रा, आवर्तन आमद, मोहरा, तिहाई की परिभाषा, अलंकार की परिभाषा, एक ताल, चौताल, रूपक ताल, तीन ताल, दादरा ताल, झप ताल और कहरवा ताल का ज्ञान व पेशकारा धा, तिं,धिं,धा,किट,की, ना,ति, धि,ग,तिर,किट,तू,ना,क,ता आदि बोलों की पहचान, वाद्यों के प्रकार, संगीतज्ञ के जीवन परिचय:- जाकिर हुसैन, अल्ला रखां खां (तबला वादक), वाद्यों की जानकारी: तबले के अंगों का वर्णन (चित्र सहित), तबला व पखावज संगीत वाद्य यंत्रों की संरचना और ट्यूनिंग का ज्ञान।
C)	परिभाषा:- आरोह-अवरोह, पकड़ की परिभाषा, वादी, संवादी, अनुवादी, विवादी स्वर की परिभाषा, स्थाई-अंतरा, आलाप, तान की परिभाषा, शुद्ध, छायालग और सर्कीण राग की परिभाषा, रजाखानी गत, उत्तरी और दक्षिण भारतीय संगीत पद्धति में भाषा, ताल, राग वर्गीकरण, गायन शैलियाँ, वादन शैलियाँ, स्वर में विभिन्नताएं। संगीतज्ञ के जीवन परिचय:- पं० रविशंकर, अन्नपूर्णा देवी, पं० शिव कुमार शर्मा और हरि प्रसाद चौरसिया, वाद्यों की जानकारी: सितार, सरोद, वायलिन, दिलरुबा/इसराज, बांसुरी, मेडोलिन, गिटार, सारंगी। <b>Subject related Pedagogy.</b>

<b><u>Home Science</u></b>	
A)	Concept of food, Nutrition and health, Types and function of food, Importance and methods of cooking food, Nutrients of food, Concept of Nutrition, Over nutrition and under nutrition, Food safety, Food storage and good preservation, Food and personal hygiene and cleanliness, Meal planning- Concept, Importance, Principles and factors affecting it, Balanced diet, Therapeutic diet, Weights and measures commonly used in kitchen, Infections and Lifestyle diseases.
B)	<b>Home, family and values-</b> Concept and importance, Types of rooms in house, Lighting and ventilation in a house, Kitchen design and layout, Decorations of walls, Dining table arrangements, Flower arrangements, Furniture choices selection, Use of colours in various aspects and areas in a house, Our behaviour, Household Routine, Patient's room in a house, Floor decoration, Disposal of waste, Cleaning in a house, Expenses of an average Indian household, Budget-concept, Types and advantages, Management in daily life, Management of resources – time, energy and money, work simplification techniques, consumer education, Safety and management in emergency situation, Pesticides, First-aid in house.
C)	<b>Human growth and development-</b> Concept, similarities and differences between growth and development, Factors affecting growth and development, principles underlying growth and development, Infancy, Childhood and Adolescent – concept, special features/characteristics and milestones of each stage. <b>Concept of Home Science</b> – its evolution, fields/ sub-disciplines, relevance, career and scope. Our apparel, selection of clothes, Fibre and fabric, types, Characteristics and classification of fibres, care and maintenance of fabrics and apparel (esp. cotton, wool, silk and synthetics), cleaning of clothes, Equipment used in cleaning clothes, cleaning and finishing agents used in routine care, The art of knitting, Basic stitches used in stitching and embroidery, beautifying the apparel, warp and weft. <b>Subject related Pedagogy.</b>

**Note:** Difficulty level of questions for HTET Level-II (TGT) will be up to the standard of Sr. Secondary level.

**Topics:** For level-II (TGT) questions will be based on the topics of the prescribed syllabus of class 6<sup>th</sup> to 10<sup>th</sup> by the Education Department Government of Haryana.