Government of Andhra Pradesh



DEPARTMENT OF SCHOOL EDUCATION

TEACHER ELIGIBILITY TEST

2018

Syllabus

Paper - I & II

TEACHER ELGIBULITY TEST – 2018

PAPER-I Syllabus

I. CHILD DEVELOPMENT AND PEDAGOGY (Marks: 30)

1. DEVELOPMENT OF CHILD

- Development, Growth & Maturation Concept & Nature
- Principles of development and their education implication
- Factors influencing Development Biological, Psychological, Sociological, emotional
- Dimensions of Development and their interrelationships Physical & Motor, Cognitive, Emotional, Social, Moral, Language relating to Infancy, early Childhood, late Child hood, Adolescence.
- Understanding Development Piaget, Kohlberg, Chomsky, Carl Rogers, Erikson
- Individual differences Infra & Inter Individual differences in the areas of Attitudes, Aptitude, Interest, Habits, Intelligence and their Assessment
- Development of Personality Concept, Factors effecting development of personality, self concept
- Adjustment, Behavioural problems, Mental Health, Defense mechanism
- Methods and Approaches of Child Development Introspection, Observation, Interview, Case study, Experimental, Cross sectional and Longitudinal
- Developmental tasks and Hazards

2. UNDERSTANDING LEARNING

- Concept, Nature of Learning input process outcome
- Factors of Learning Personal and EnvironmentalApproaches to Learning and their applicability—Behaviourism (Skinner, Pavlov, Thorndike), Constructivism (Piaget, Vygotsky), Gestalt(Kohler, Koffka) and Observational (Bandura)
- Dimensions of Learning Cognitive, Affective and Performance
- Motivation and Sustenance —its role in learning.
- Memory & Forgetting
- Transfer of Learning

3. PEDAGOGICAL CONCERNS

- Teaching and its relationship with learning and learner Learners in Contexts: Situating learner in the socio-political and cultural context Children from diverse contexts—Children With Special Needs (CWSN), Inclusive Education
- Understanding of pedagogic methods Enquiry based learning, Project based learning, Survey, Observation and Activity based learning, Cooperative and collaborative learning
- Individual and Group learning: Issues and concerns with respect to organizing learning in class room like Study habits, Self learning and Learning to learn skills
- Organizing learning in heterogeneous class room groups Socio-economic background, Abilities and Interest
- Paradigms of organizing Learning-Teacher centric, Subject centric and Learner centric Theory of instruction - Bruner
- Teaching as Planned activity Elements of Planning
- Phases of Teaching Pre active, Interactive and Post active
- General and Subject related skills, competencies required in teaching and attributes of good facilitator
- Learning resources Self, Home, School, Community, Technology

- Class room Management: Role of student, teacher, Leadership style of teacher, Creation of nonthreatening learning environment, Managing behaviour problems, Guidance & Counselling, Punishment and its legal implications, Rights of a child, Time Management.
- Distinction between Assessment for Learning & Assessment of Learning, School based Assessment, Continuous & Comprehensive Evaluation: Perspective & Practice
- Understanding teaching & learning in the context of NCF, 2005 & Right To Education Act, 2009.

II (a) Language - I Telugu (Content and Methodology) (Marks: 30) ఎ) విషయం Marks: 24

- 1. పఠనావగాహన (పద్యం, గద్యం రూపాలు)
- 2. తెలుగు సాహిత్యం, సంస్పృతి (ప్రాచీన, ఆధునికం, జానపదం)
 - నూతన పాఠ్యపుస్తకాలలోని ఇతర తెలుగుకవులు, రచయితలు, పాత్రలు నేపథ్య
 ం ఇతివృత్తాలు విశేషాంశాలు
 - (పక్రియలు లక్షణాలు–వివరణలు
 - శతకాలు
 - కళలు, కళాకారులు
 - వేడుకలు
 - ಗೆಯಾಲು/ಘಾಟಲು

3. పదజాలం

- సామెతలు
- జాతీయాలు
- పొడుపు కథలు
- వ్యవహార రూపాలు
- ಅರ್ದ್ದಲು
- ನಾನಾರ್ಥಾಲು
- పర్యాయ పదాలు
- పుత్పత్యర్థాలు
- ప్రకృతి వికృతులు

ಭಾಷಾಂತಾಲು :

ద్విత్వ, సంయుక్త సంశ్లేష అక్షరాలు, వాక్యాలు, వర్గయుక్కులు, పరుషాలు, సరళాలు, భాషా భాగాలు,లింగాలు, వచనాలు, కాలాలు, విభక్తులు, అవ్యయాలు, విరామ చిహ్నాలు, తెలుగు సంస్మ్మత సంధులు,సమాసాలు, క్రియలు (సమాపక, అసమాపక), వాక్యాలు రకాలు – ఆశ్చర్యార్ధక, విధ్యర్ధక, ప్రత్నార్థక సందేహార్థక, అనుమత్యర్థక, నిషేధార్థక, ప్రత్యక్ష పరోక్ష, కర్త రి – కర్మణి – చందస్సు, అలంకారాలు, అర్థవిపరిణామం.

బి) బోధనా పద్దతులు : Marks: 6

- 1. భాష, మాతృభాష, మాతృభాష బోధన లక్షణాలు
- 2. భాషానైపుణ్యాలు/సాధించాల్సిన సామర్ద్యాలు, తరగతి గది అన్వయం.
- 3. బోధన పద్ధతులు
- 4. ప్రణాళిక, రచన, వనరుల వినియోగం.
- 5. బోధనాభ్యసన ఉపకరణాలు
- 6. నిరంతర సమ్మగ మూల్యాంకనం నిర్మాణాత్మక మూల్యాంకనం సంగ్రహణాత్మక మూల్యాంకనం.

Part III

Language - I Urdu (Content and Methodology) (Marks: 30)

Content: 24

Methodology: 6

Language - I Hindi (Content and Methodology) (Marks: 30)

Content 24 marks

- 1. रचनाकार /रचनाएँ विषयवसतु , चिरत्र-चित्रण, भाषा शैली आदि।
- साहित्यक विधाएँ और उनकी विशेषताएँ
- भाषा तत्व और व्याकरण
 - शब्द विचार : अपसर्ग –प्रत्यय
 - शब्द भेद
 - लिंग , बचन कारक ,काल
 - शब्द रुपान्तर
 - शब्द अर्थ , भिन्न भिन्न अर्थ , पर्यावाची शब्द और विलोम शब्द
 - शब्द परिचय तत्सम , तदभव, देशज और विदेशी
 - वाक्य संरचना, भेद
 - वाच्य समास
 - मुहावरे लोकपक्तियाँ ,कहावतें.

Methodology 6 marks

I.

- भाषा अर्थ और स्वरुप
- माध्यमिक स्तर पर हिन्दी शिक्षण के उद्देश्य
- 3. भाषा की समस्या त्रिभाषा सुत्र

II.

- 1 आदर्श हिन्दी अध्यापक के गुण
- 2 अच्छे शिक्षण की विशेषताएँ
- 3 भाषा शिक्षण की सामान्य सिद्धान्त
- 4 भाषा शिक्षण के सूत्र
- 5 भाषा शिक्षण की प्रणालियाँ
- 6 भाषा शिक्षण की विधियाँ

Ш.

- 1 शिक्षण में भाषा कौशलों का महत्व
- 2 भाषा कौशलों का विकास

सुनना : ध्वनी की उत्पत्ति, ध्वनी – श्रवन और पारस्सप्ररिक संबंध

बोलनाः शब्दोच्चारण, वकयंत्र, शुध्दोचारण का अभयास , मौखिक अभिव्यक्ति,पाठशाला में वार्तालाप का अभयास

पढनाः विशेषताएँ, वाचन के प्रकार, वाचन संबंधी दोष और उपचार

लिखनाः महत्व , नियम , विधियाँ, प्रकार, अक्षरक्रियास

3.भाषा - कौशलों का समन्वय

IV.

- शिक्षण उद्देष्यों का वर्गीकरण
- 2. न्युनतम अधिगम स्तर
- पाठ योजना (गद्य, पद्य, व्याकरण, रचना, पत्र-लेखन)
- 4. इकाई योजना
- शिक्षण उपकरण

V

- 1. पाठयक्रम
- 2. पाठ्यपुस्तक
- 3. पुस्तकालय
- भाषा सहगामी क्रियाएँ

VI

- मृल्याकान की धारणा
- 2. उत्म परीक्षा की विशेषताएँ
- उपलब्ध परीक्षा
- निरंतर सामग्र मुलयांकन
- उद्देश्य आधारित मूल्यांकन
- उपचारत्मक और निदानत्मक शिक्षण

Part III

Language - I Tamil (Content and Methodology) (Marks: 30)

Content 24 marks

- 1.எழுத்தாளர்கள், கவிஞர்கள், கவிதை, உரைநடை
- செய்யுள்கரு, தலைப்பு, இதிகாசம், புராணம்,காப்பியம், சிற்றிலக்கியங்கள், கதை, கட்டுரை, கடிதம், விமர்சனம், வாழ்க்கை வரலாறு,சுயசரிதை.
- 3. மொழியின் வகைகள் பேச்சுவழக்கு, எழுத்து வழக்கு, வட்டார வழக்கு.
- மொழியின் மூலகம் (எழுத்து, சொல், வாக்கியம்),வாக்கிய வகைகள், ஒரு பொருள் குறித்த ஒரு பொருள் குறித்த பல சொல், பல பொருள் குறித்த ஒரு சொல், நேர்க் கூற்று - அயர்க்கூற்று, செய்வினை-செயப்பாட்டுவினை, புணர்ச்சி, பருபதம், எண்ணும்ன

- மொழி, தாய்மொழி, குறிக்கோள்
- 2. மொழித்திறன்
- 3. கற்பித்தலின் வகைகள்
- 4.திட்டமிடுதல், ஆதாரங்களின் பயன்கள், பாடத்திட்டத்துடன் தொடர்புடைய செயல்வகைகள்.
- கற்க- கற்பிக்க உதவும் மூலங்கள், கற்பித்தலில் கையாளப்படும் நுட்பங்கள்.
- 6. மதிப்பீடு.

Part III

Language - I Kannada(Content and Methodology) (Marks: 30)

Content 24 marks

- ಕವಿ ಕಾವ್ಯಗಳು, ಲೇಖಕರು, ಕೃತಿಗಳು
- 2. ಪ್ರಕ್ರೀಯೆಗಳು:
 - ಇತಿಹಾಸ, ಪುರಾಣ, ಕಥೆಗಳು, ನಿಬಂಧ, ಪತ್ರ, ವಿಮರ್ಶೆ,ಆತ್ಮ ಚರಿತ್ರೆ, ವ್ಯಕ್ತಿ ಚರಿತ್ರೆ
- 3. ಭಾಷಾ ಸ್ವರೂಪ:
 - ಹಳೆ ಗನ್ನಡ. ಹೊಸಗನ್ನಡ, ಪ್ರಾದೇಶಿಕ ಬಾಡೆ. ಪ್ರಾಮಾಣಿಕ ಬಾಡೆ.ಅದುನಿಕ ಬಾಡೆ.
- 4. ಭಾಷಾ ಅಂಶಗಳು:
 - ವರ್ಣಮಾಲೆ, ಹುಬ್ಬುವ ಸ್ಥಳಗಳು
 - ಶಬ್ದಗಳು, ಅರ್ಥ, ನಾನಾರ್ಥ, ಉತ್ಪತ್ತಿ, ತತ್ಪಮ, ತದ್ಪವ
 - ವಾಕ್ಯಗಳು, ಕರ್ತರಿ, ಕರ್ಮಣಿ,ಪ್ರತ್ಯಕ್ಷ, ಪರೋಕ್ಷ
 - ಛಂದಸ್ಸು
 - ಅಲಂಕಾರ
 - ಸಂಧಿಗಳು
 - ಸಮಾಸಗಳು

Methodology 6 marks

ಕನ್ನಡ - ಬೋಧನಾ ವಿಧಾನ

- 1. ಭಾಷೆ, ಮಾತ್ರಭಾಷೆ, ಉದ್ದೇಶಗಳು
- 2. ಭಾಷಾ ಕೌಶಲ್ಯಗಳು
- ಬೋಧನಾ ವಿಧಾನ
- ಯೋಜನೇಗಳು, ಸಂಪನ್ಮೂಲಗಳು, ಪಠ್ಯೇತರ ಚಟುವಟಿಕೆಗಳು
- 5. ಬೋಧನೆ, ಕಲಿಕಾ ಸಾಮಗ್ರಿಗಳು- ಶೈಕ್ಷಣಿಕ ತಂತ್ರಜ್ಞಾನ
- 6. ಮೌಲ್ಯ ಮಾಪನ

Part III

Language - I Oriya (Content and Methodology) (Marks: 30)

Content 24 marks

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୧. କବି, ଲେଖକ, କାବ୍ୟ, ରଚନା
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୨. ପକ୍ରିୟା :

ଇତିହାସ, ପୁରାଣ, ପ୍ରବଜ, ଗର୍, ନିବଜ ରଚନା, ଅଚୁକଥା, ଜୀବନ ଗାଥା

୩. ଭାଷା ରୂପ

ଗ୍ରାୟିକ, ବ୍ୟବହାରିକ, ମାଣ୍ଡଳିକ, ଆଧୂନିକ ଭାଷା

୪. ଭାଷା-ଅଂଶ

ଅକ୍ଷର, ଧୂନି-ଉମ୍ଭି-ନ୍ଥାନ, ଶର, ଭାଷା-ଭାଗ ଶତ, ଅହିଁ, ନାନାହିଁ,

ସମାନାର୍ଥକ ଶବ୍ଦ, ତତ୍-ସମ, ତଦ୍-ଭବ, ବାକ୍ୟ, ବକ୍ୟ ଭେଦ, କର୍ତ୍ତରୀ, କର୍ମଣି,

ପ୍ରତ୍ୟକ୍ଷ. ପରୋଶ

ପହି

BIRB

20

ଅଳଙ୍କାର

Methodology 6 marks

ବୋଧନ - ପହତି

୧. ଭାଷା

ବିବିଧ ଭାବନା, ମାତୃଭାଷା, ମତୃଭାଷାବୋଧନ ଲକ୍ଷ୍ୟ

- ୨. ଭାଷା-କୌଶନ
- ୩. ବୋଧନ (ଶିଷଣ) ପଦ୍ଧତି
- ୪. ପ୍ରଣାଳୀ, ସହସାଠ କାର୍ଯ୍ୟକ୍ରମ
- ୫. ବୋଧନ ଉପକରଣ

ବିଦ୍ୟା-ସାଙ୍ଗେଡିକ- ଶାଷ୍ଟ, ଡକ୍ସ-ଜ୍ଞାନ

୬. ମୂଲ୍ୟାଙ୍କନ ।

III. Language — II English (Content and Methodology) (Marks: 30) <u>Content (Marks: 24)</u>

- (1) Parts of Speech
- (2) Tenses
- (3) Active voice & Passive voice
- (4) Prepositions and Articles
- (5) Degrees of comparison
- (6) Clauses
- (7) Verbs Main Verbs Auxiliary Verbs Presale Verbs
- (8) Adverbs Types of Adverbs
- (9) Conjunction coordinating conjunction subordinating conjunction.
- (10) Direct and Indirect speech
- (11) Questions and question tags
- (12) Types of sentences simple, compound and complex synthesis of sentences
- (13) Phrases uses of phrases.
- (14) Composition letter writing —précis writing
- (15) Reading Comprehension
- (16) Vocabulary Antonyms, Synonyms and Spellings.
- (17) Correction of Sentences.

Methodology(Marks: 06)

- 1. Aspects of English:- (a) English language History, nature, importance, principles of English as second language. (b) Problems of teaching / learning English.
- 2. Objectives of teaching English.
- 3. Development of Language skills:-
 - (a) Listening, Speaking, Reading & Writing (LSRW).
 - (b) Communicative skills Imparting values through Communication.
- Approaches, Methods, Techniques of teaching English:- (a) Introduction, definition & types of Approaches, Methods & Techniques of teaching English (b) Remedial teaching.
- 5. Teaching learning materials in English.
- 6. Lesson Planning.
- 7. Curriculum & Textbooks Importance and its need.
- 8. Evaluation in English language.

IV. MATHEMATICS (Marks: 30)

CONTENT (Marks: 24)

- 1. Number system: Natural Numbers, Whole numbers, Integers, Rational numbers place value, comparison, fundamental mathematical operations; Addition, Subtraction, Multiplication and Division, Indian Currency, Prime and Composite numbers, Prime factors, Lowest Common Multiple (LCM) and Greatest Common Divisor (GCD), Square, Square root, Cube, Cube roots of numbers, Pythagorean triplets,
- 2. Fractions: Concept of fractions, proper fractions, improper fractions, mixed fractions, decimal fractions, comparison, addition, subtraction, multiplication, division of fractions and decimal fractions. Use of fractions in daily life. Rational Numbers; definition, four fundamental operations; properties of numbers (N, W, Z and Q), Representation of N,W,Z and Q on number line, Terminating and Non-Terminating Decimals (Recurring and Non Recurring).
- **3. Arithmetic:** Unitary method, Averages, Ratio & Proportion, Percentages, Profit and Loss, discount, simple interest, compound interest, Direct and Indirect proportion, Time and Work, Time and Distance, Tax (VAT).
- 4. Geometry: Basic ideas of geometry (2D & 3D shapes), types of angles, construction and measurement of lines and angles, Triangles, types of triangles, Properties of Triangles, Congruence, Criteria of congruencies of triangles (SAS, SSS, ASA, RHS), Quadrilaterals, types of quadrilaterals, construction of triangles and quadrilaterals, Patterns with geometrical shapes, Representing 3D Shapes in 2D Shapes, Euler's relation, Properties of Parallelogram, Trapezium, Rhombus, Rectangle, Square and Kite, Concept of Circles, Symmetry, Reflection and Rotation, Line of symmetry.
- 5. Measurements: Length, Area, Weight, Capacity, Time and their Standard Units, Surface Area and volume of a cube and a cuboids, Perimeter and area of triangle, quadrilateral, parallelogram, rectangle, Rhombus, Square and Trapezium. Circumference & Area of a circle, Area of Circular path, Polygons Area of sector in a circle.
- **Data Applications:** Introduction to Data, Data Presentation, Preparation of Frequency distribution table, Bar Graph, Pictograph, Histogram, Mean, Median and Mode of ungrouped data, Cumulative Frequency Distribution Table, Frequency Polygon, Frequency Curve and Cumulative Frequency Curves.
- **7. Algebra:** Introduction to Algebra, Basic terminology Constant, Variable, Expression, Polynomial, Identity and equations, solving linear equation in one variable, Exponents and Powers.

Methodology (Marks: 06)

- 1. Meaning, Nature and Definitions of Mathematics
- 2. Correlation with other school subjects and daily life.
- 3. Aims, values and instructional objectives of teaching Mathematics, Academic Standards
- 4. Child Centered and Activity Based Approaches in Teaching Mathematics
- 5. Methods of Teaching & Remedial measures in Mathematics
- 6. Instructional Material, TLM and Resource Utilization in Mathematics
- 7. Curriculum, Text Book & Instructional Planning

8. Evaluation and tools of evaluation and Continuous Comprehensive Evaluation

V. ENVIRONMENTAL STUDIES (Marks:30)

CONTENT (Marks: 24)

- **1. My Family -** My Family Family tree, migration, changing structures of family nuclear and joint families, festivals.
- **2.** Work & Play Occupations, Child labor, Games Local, National and International, Marshal Arts, Effects of games on respiration and breathing, fairs, Circus.
- **3. Plants and Animals**-Plants & animals in our surroundings, Plant & Animal products, parts of a plant, photosynthesis, parts of a flower, pollination, fertilization, fruits, seeds. Wild & cultivated plants, wild & domestic animals their food, arrangement of teeth in animals.
- **4. Our Food** Different types of food, storage of grains and vegetables, storage of food, Food -animal husbandry, Nutrients of food, deficiency diseases.
- **5. Shelter** Need, different types of houses, electrical appliances their use, social life in ants and honey bees, Animals shelter variation.
- **6. Air -** Importance of air, composition of air, atmospheric pressure, diseases spread through air and their prevention, air pollution causes, its impact, and measures to prevent, Green House effect.
- **7. Energy -** Renewable, Non-renewable, Future Energy.
- **8.** Water Importance, water resources, tanks, aquatic flora and fauna, measurement of liquids, Water pollution causes, impact, measures to prevent, purification of water, drought, floods.
- **9.** Our Body Health Cleanliness External, Internal parts of our body, Bones, Muscles, Sense organs, Digestion, Respiration, Nervous system, Excretory system, Circulatory system, First Aid.
- **10.** Mapping Direction, Mandal, District, State, India
- **11. History and culture of India** Evolution of Man, Pre-historic period, Indian culture and Heritage, Civilization, Medieval period culture, Ancient monuments, Religious movements: Jainism, Buddhism, Bhakti movement, Great personalities, Indian freedom movement, Modern India.
- **12. Our country (India) -** Location, Area, Physical features, Climate, Natural resources, Continents and Oceans, Historical places in India, Population.
- **13.Our State -** Culture, State Government, Gram Panchayat, Mandal Parishad, Municipality, Municipal Corporation, Local Emergency services, our state symbols, Livelihood, Civilization Impact of rivers.
- **14. Indian constitution** Preamble, Major concepts, Fundamental rights, Fundamental duties, Child Rights
- 15. Safety & Security Earth Quakes, Floods, Fire, First Aid, 108, 104 Vehicles

PEDAGOGY (Marks: 6)

- 1. Concept and scope of Environmental Studies (Science & Social Studies)
- 2. Aims & Objectives of teaching Environmental Studies (Science & Social Studies) Academic Standards of Teaching EVS
- 3. Relation to Science and Social Studies
- 4. Curriculum and its transactional process Teaching Methodology
- 5. Teaching Learning Material (TLM)
- 6. Evaluation procedures CCE.

TEACHER ELGIBULITY TEST – 2018

PAPER-II Syllabus

I. CHILD DEVELOPMENT AND PEDAGOGY (Marks: 30)

1. DEVELOPMENT OF CHILD

- Development, Growth & Maturation Concept & Nature
- Principles of development and their education implication
- Factors influencing Development Biological, Psychological, Sociological, emotional.
- Dimensions of Development and their interrelationships Physical & Motor, Cognitive, Emotional, Social, Moral, Language relating to Infancy, early Childhood, late Child hood, dolescence.
- Understanding Development Piaget, Kohlberg, Chomsky, Carl Rogers, Erikson
- Individual differences Infra & Inter Individual differences in the areas of Attitudes, Aptitude, Interest, Habits, Intelligence and their Assessment.
- Development of Personality Concept, Factors effecting development of personality, self concept.
- Adjustment, Behavioural problems, Mental Health, Defense mechanism.
- Methods and Approaches of Child Development Introspection, Observation, Interview, Case study, Experimental, Cross sectional and Longitudinal
- Developmental tasks and Hazards

2. UNDERSTANDING LEARNING

- Concept, Nature of Learning input process outcome
- Factors of Learning Personal and Environmental
- Approaches to Learning and their applicability—Behaviourism (Skinner, Pavlov, Thorndike) Constructivism (Piaget, Vygotsky), Gestalt(Kohler, Koffka) and Observational (Bandura)
- Dimensions of Learning Cognitive, Affective and Performance.
- Motivation and Sustenance —its role in learning.
- Memory & Forgetting
- Transfer of Learning

3. PEDAGOGICAL CONCERNS

- Teaching and its relationship with learning and learner.
- Learners in Contexts: Situating learner in the socio-political and cultural context
- Children from diverse contexts—Children With Special Needs (CWSN), Inclusive Education.
- Understanding of pedagogic methods Enquiry based learning, Project based learning, Survey, Observation and Activity based learning, Cooperative and collaborative learning.
- Individual and Group learning: Issues and concerns with respect to organizing learning in class room like Study habits, Self learning and Learning to learn skills.
- Organizing learning in heterogeneous class room groups Socio-economic background, Abilities and Interest.
- Paradigms of organizing Learning-Teacher centric, Subject centric and Learner centric.
- Theory of instruction Bruner
- Teaching as Planned activity Elements of Planning
- Phases of Teaching Pre active, Interactive and Post active

- General and Subject related skills, competencies required in teaching and attributes of good facilitator.
- Learning resources Self, Home, School, Community, Technology.
- Class room Management: Role of student, teacher, Leadership style of teacher, Creation of non threatening learning environment, Managing behaviour problems, Guidance & Counselling, Punishment and its legal implications, Rights of a child, Time Management.
- Distinction between Assessment for Learning & Assessment of Learning, School based Assessment, Continuous & Comprehensive Evaluation: Perspective & Practice.
- Understanding teaching & learning in the context of NCF, 2005 & Right to Education Act, 2009.

II (a) Language - I Telugu (Content and Methodology) (Marks: 30)

ఎ) విషయం Marks: 24

- 1. పఠనావగాహన (పద్యం, గద్యం రూపాలు)
- 2. తెలుగు సాహిత్యం, సంస్థ్రతి (ప్రాచీన, ఆధునికం, జానపదం)
 - నూతన పాఠ్యపుస్తకాలలోని ఇతర తెలుగుకవులు, రచయితలు, పాత్రలు నేపథ్యం –
 ఇతివృత్తాలు – విశేషాంశాలు
 - ప్రక్రియలు లక్షణాలు–వివరణలు
 - శతకాలు
 - కళలు, కళాకారులు
 - వేడుకలు
 - ಗೆಯಾಲು/ವಾಟಲು

3. పదజాలం

- సామెతలు
- జాతీయాలు
- పొడుపు కథలు
- వ్యవహార రూపాలు
- ಅರ್ಥಾಲು
- ನಾನಾರ್ಥಾಲು
- పర్యాయ పదాలు
- వుత్పత్యర్థాలు
- ప్రకృతి వికృతులు

4. ಭಾವಾಂಕಾಲು :

ద్విత్వ, సంయుక్త సంశ్లేష అక్షరాలు, వాక్యాలు, వర్గయుక్కులు, పరుషాలు, సరశాలు, భాషాభా గాలు, రింగాలు, వచనాలు, కాలాలు, విభక్తులు, అవ్యయాలు, విరామ చిహ్నాలు, తెలుగు సం స్మత సంధులు, సమాసాలు, క్రియలు (సమాపక, అసమాపక), వాక్యాలు రకాలు – ఆశ్చర్యా ర్ధక, విధ్యర్ధక, ప్రత్నార్థక, సందేహార్థక, అనుమత్యర్థక, నిషేధార్థక, ప్రత్యక్ష పరోక్ష, కర్తరి – కర్మణి – చందస్సు, అలంకారాలు, అర్థవిపరిణామం.

- బి) బోధనా పద్దతులు : Marks: 06
 - 1. భాష, మాతృభాష, మాతృభాష బోధన లక్షణాలు
 - 2. భాషానైపుణ్యాలు/సాధించాల్సిన సామర్ద్యాలు, తరగతి గది అన్వయం.
 - 3. బోధన పద్ధతులు
 - 4. (పణాళిక, రచన, వనరుల వినియోగం.
 - 5. బోధనాభ్యసన ఉపకరణాలు
 - 6. నిరంతర సమగ్ర మూల్యాంకనం నిర్మాణాత్మక మూల్యాంకనం సంగ్రహణాత్మక మూల్యాంకనం

III (b) Language - I Urdu (Content and Methodology) (Marks: 30)

Content 24 marks

- او بول، شار دل کی سواغ حیات داد فی کارتا مے اور تکے کرواروں کا جائز و۔
 - اسنان دب كاتفسيلي مطالعه.

ر مضمون نگاری . داستان افسانه . ناول . درامه . عطوط نولی . افتائی . خاکه نگاری . انگم . خزل مشوی . رباعی . مرثیه . قسیده . دو ب . مایی اقطعات .

- ، ۔ اردوز بان وادب کی ترقی کے فتلف ادوار۔
 - ١٧ زبان كى مخلف شكلين اور حيثيتين -

a) ماوری زبان (b) دوسری زبان (c) سرکاری زبان (d) قوی زبان (' ۔ در زبان ، اشارول کی زبان ، تحریری زبان ۔ متول کی زبان ۔

۷۔ اردوز باان کی وں کے افرات۔
 ۱۷۔ بندی ۔ فاری ۔ عربی ۔ انگریزی وفیرو)

٧١ - اردو كاسليب بيان -

VII - اردوزبان کے عناصر۔

کلمہ، مستقل کلمہ وغیرہ مستقل کلمہ اورائے اقسام جملہ۔ جملے کے اقسام۔ الفاظ۔ مفرد ومرکب الفاظ سابھے۔ لاتھے واحد جمع مونث و مذکر محاورے۔ شرب المثل رموز واوقاف۔ سنا کئے و بدائع۔ تلفظ۔ خارج ۔ اسراب۔

VIII - زیان ای اور کچر(باجی اثر)

IX - ترجمه يكنيك اورضرورت -

ــ ان دیکامتن (Comprehension)۔

- ۔ ہندوستان میں اردو۔ a۔ہندوستانی دستوراورآ ندھرا پر دلیش میں اردوکا مقام وموقو ن۔۔ b۔۔راسانی فارمولہ کے تحت ثانوی مدارس میں اردوکی تدریس۔
- اار زبان کی مبارتیں۔ سنار بولنا ریز هنا، لکھنا، اور عکھانے کے طریقے۔
 - الا۔ اردو کے تدریبی مقاصد۔ a۔اردو کے تدریبی مقاصد بہ جیثیت زبان اول اور زبان زائد b۔ بلوم کی تعلیمی مقاصد کی تقسیم c۔ تدریبی مقاصد اور تضریحات۔ d. جزوی (Miscro) تدریبی اور مختلف مہارمیں ۔
 - ۱۷ معلم ارد واور تدریس ـ a ـ اردومعلم کی خصوصیات اور تدریسی و سائل ـ b ـ اردوزبان کے تدریس کے طریقے ۔ (نشر اِنظم ، وقواعد)
- ۷ ۔ تدریس اور اسپاق کی منصوبہ بندی۔
 a) سالانہ منصوبہ بندی۔ اکائی منصوبہ بندی " ببق کی منصوبہ بندی (نیٹر اُظم، قواعد، سرسری مطالعہ)
 - ۷۱۔ نصابی اور ہمدنصابی مشاغل ۔
 a ۔ اردونصاب کے تدوین کے اصول ۔
 b ۔ دری کتاب اور خصوصیات اور تقیدی جائزہ۔
 c ۔ ہمدنصابی وزائد نصابی مشاغل کا انعقاد ۔
 d ۔ تدریسی آلات، اقسام اجمیت و تیاری ۔
 e ۔ اردوزیان کی لیباریٹری ۔

III (c) Language - I Hindi (Content and Methodology) (Marks: 30)

Content: 24 marks

- अवबोध (Comprehension)
 - 1. अपठित गद्य
 - 2. अपठित पद्य
- 2. कवि, काव्य रचनाकार (लेखक) रचनाएँ
- अकर्मक सकर्मक क्रियाएँ वाक्य - वाक्य भेद, कर्तृवाच्य, कर्मवाच्य, भाववाच्य, वाक्य और प्रयोग, वाक्य क्रम, घटना क्रम
- वर्णमाला, शब्द भेद, वचन, लिंग, कारक, काल, विराम चिह्न, संधि, समास, विलोम शब्द, समान अर्थ, भिन्नार्थ, मुहावरे, कहावतें, लोकोक्तियाँ
- भारतीय काव्य शास्त्र काव्य लक्षण, रस, छंद, अलंकार

- (B) भाषा शिक्षण विधियाँ
 - भाषा का स्वरूप भाषा की प्रकृति
 अर्थ परिभाषा ध्विन विज्ञान, शब्द, वाक्य विज्ञान, विविध स्तरों पर हिन्दी शिक्षण के लक्ष्य और उद्देश्य प्रथम भाषा के रूप में हिन्दी, द्वितीय भाषा के रूप में हिन्दी त्रिभाषा - सूत्र
 - भाषा कौशलों का विकास सुनना, बोलना, पढना, लिखना
 - हिन्दी अध्यापक और शिक्षण विधियाँ अच्छे शिक्षक और अच्छे शिक्षण की विशेषताएँ
 - भाषा शिक्षण के सामान्य सिद्धांत,
 - भाषा शिक्षण की प्रणालियाँ
 - भाषा शिक्षण की पद्धतियाँ (प्रत्यक्ष, परोक्ष, खेल, माँन्टेसरी, निदर्शित स्वाध्याय, डाल्टन, प्रायोजना, प्रश्नावली, आगमन, निगमन, क्रियात्मक, सूक्ष्म शिक्षण)
 - पाठ्यक्रम और सहगामी क्रियाएँ पाठ्यक्रम, पाट्यपुस्तक, पुस्तकालय, दृश्य-श्रव्य उपकरण (शिक्षण उपकरण), भाषा की दृष्टि से उपयोगी सहगामी क्रियाएँ
 - शिक्षण और योजना आवश्यकता, उपयोगिता, इकाई योजना, पाठ्य योजना
 - मूल्यांकन मूल्यांकन की धारणा, निरंतर समग्र मूल्यांकन, उत्तम परीक्षा की विशेषताएँ, प्रश्न पत्र का निर्माण, उपलब्धि परीक्षा अभिलेख
 - आंध्रप्रदेश में हिंदी शिक्षण में आनेवाली समस्याएँ व उनका निराकरण
 - ध्विन, वर्ण, शब्द, वाक्य रचना व शुद्धाशुद्ध वर्तनी व वाक्य ज्ञान

III (d) Language - I Tamil (Content and Methodology)(Marks: 30)

Content 24 marks

- சிளிவிறிஸிணிபிணிழிஷிமிளிழி (புரிந்துகொள்ளுதல்.)
 - 1. கண்டிராத பத்தி.
 - கண்டிராத செய்யுள்.
- கவிஞர்கள் , காப்பியங்கள் / படைப்பாளிகள் , படைப்புகள்,
 (உரைநடை, செய்யுள் , கதை , நாடகம்)
- III. வினைச்சொல் , பெயர்ச்சொல் ,வாக்கிய வகைகள். தன்வினை , பிறவினை. செய்வினை, செயப்பாட்டுவினை , நேர்க்கூற்று, அயர்கூற்று, வாக்கியம் அமைத்தல் , வாக்கியங்களை வரிசைப்படுத்துதல்.
- IV. அகரவரிசை, மூவிடப்பெயர்கள், ஒருமை பன்மை, காலங்கள், வேற்றுமை, நிறுத்தற்குறிகள், பகுபத உறுப்பிலக்கணம், அருஞ்சொற்பொருள், எதிர்ச்சொல், புணர்ச்சி, காரணப்பெயர், மரபுத்தொடர் கொண்டு வாக்கியம் அமைத்தல்.

- மொழி-தாய்மொழி .- , மும்மொழி போதனை , பேச்சுத் தமிழ்... இலக்கியத்தமிழ்,
- தாய்மொழி: நோக்கம் . குறிக்கோள், மற்றும் சிறப்பு அம்சங்கள்,
- III. கற்பிக்கும் முறைகள் :- செய்யுள் , உரைநடை , இலக்கணம், துணைப்பாடம், கட்டுரை ,
- IV. கற்பித்தலில் நவீன உத்திகள் : விளையாட்டு வழிக்கல்வி, மாண்டிச்சோரி ,கிண்டர்கார்டன், டால்டன், செயல்முறைக்கல்வி, நாடக உத்திமுறை,
- V. மிக்ஷி . திட்டமிடுதல் :- பாடத்திட்டம், வருடாந்திரத்திட்டம், பாடஏடு .. இலக்கண ஏடு, துணைப்பாடம், ஆசிரியர் கை ஏடு, க்ஷி. கல்வி சார்ந்த தொழில் நுட்பங்கள்:- பாடத்துடன் தொடர்புடைய இதர செயல்பாடுகள், மொழிசார்ந்த விளையாட்டுகள் , பேச்சுப்போட்டி, கட்டுரை எழுதுதல், கல்விச் சுற்றுலா, சொல்லி எழுதுதல், பத்திரிகை , நூலகக் கல்வி,
- VI. கூடிமி. மதிப்பீடு செய்தல் :- மதிப்பிடுதலின் இன்றியமையாமை . சிறு மற்றும் பெரிய தேர்வுகள் , மதிப்பிடுதலில் கையாளப்படும் பல்வேறு ஆதாரங்கள் . மதிப்பீட்டின் அளவு , மதிப்பீட்டு முறைகள் . பிழைகளைத் திருத்தும்முறையில் கற்பித்தல் , பயிற்ச்சி வேலை கொடுத்தல் , நோக்க அடிப்படையில் மதிப்பீடு செய்தல் .

III (e) Language - I Kannada (Content and Methodology) (Marks: 30)

Content 24 marks

- I. Comprehension (ಅವಗಾಹನ)
 - 1. ಅಪರಿಚಿತ ಗದ್ಯ
 - 2. ಅಪರಿಚಿತ ಪದ್ಯ
- II. ಕವಿಗಳು, ಕಾವ್ಯಗಳು / ಲೇಖಕರು, ಕೃತಿಗಳು
- III ಆಕರ್ಮಕ, ಸಕರ್ಮಕಕ್ರಿಯಾಪದಗಳು, ವಾಕ್ಟಗಳು,ವಾಕ್ಯಪ್ರಕಾರಗಳು,ಕರ್ತರಿ, ಕರ್ಮಣಿ ವಾಕ್ಟಗಳು, ಪ್ರತ್ಯಕ್ತ ಪರೋಪಕ್ಷ ವಾಕ್ಟಗಳು, ವಾಕ್ಟರಚನೆ.
- IV. ವರ್ಣಮಾಲೆ, ಪ್ರತೈಯಗಳು, ವಚನಗಳು, ಲಿಂಗಗಳು, ವಿಭಕ್ತಿ ಪ್ರತ್ಯೇಯಗಳು, ಕಾಲಗಳು ವಿರಾಮ ಚಿಹ್ನೆಗಳು. ಸಂಧಿಗಳು, ಸಮಾಸಗಳು, ಅಲಂಕಾರಗಳು, ತತ್ಸಮಗಳು, ವಿರುದ್ದಪದಗಳು, ಪರ್ಯಾಯಪದಗಳು, ನಾನರ್ಥಗಳು ,ಗಾದೆಗಳು, ಲೋಕೋಕ್ತಿಗಳು, ನುಡಿಮುತ್ತುಗಳು, ಸ್ವಂತವಾಕ್ಯಗಳು, ಒಗಟುಗಳು.

- ಭಾಷೆ ವಿವಿಧ ಭಾವನೆಗಳು: ಭಾಷೆ ಮಾತ್ರು ಭಾಷೆ , ತ್ರಿಬಾಷ ಸೂತ್ರ, ವ್ಯವಹಾರಿಕ ಭಾಷೆ, ಪ್ರಾಧೇಶಿಕ ಭಾಷೆ, ಪ್ರಮಾಣೀಕ ಭಾಷೆ,
- 2. ಕನ್ನಡ ಬೋಧನೋದ್ದೇಶಗಳು ಉದ್ದೇಶಗಳು ಸ್ಪಷ್ಟೀಕರಣ ಧ್ವೀತಿಯ ಭಾಷೆಯಾಗಿ ಕನ್ನಡ ಬೋಧನೆ . ಭಾಷಾ ನೈಪುಣ್ಯಗಳು – ಶ್ರವಣ – ಭಾಷಣ – ಪಠಣ – ಬರವಣಿಗೆ :ಭಾಷಾ ನೈಪುಣ್ಯಗಳು – ಅಂತರಿಕ ಸಂಭಂದಗಳು.
- ಬೋಧಾನ ಪದ್ದತಿಗಳು : ಪದ್ಯ , ಗದ್ಯ , ವ್ಯಾಕರಣ, ಪ್ರಂಬಂಧ, ಉಪಪಠ್ಯ ಕಥೆ, ನಾಟಕ , ಸಂಭಾಷಣೆಯಿಂದ ಬೋಧನೆಗಳು.
 - ಬೋಧನೆಯ ಹೊಸ ಧೋರಣೆಗಳು : ಕ್ರೀಡೆ , ಮಾಂಟೆಸೊರಿ, ಕಿಂಡರ್ ಗಾರ್ಡನ್, ಪ್ರಾಜೆಕ್ಟು ಡಾಲ್ಟನ್, ಚಟುವಟಿಕೆ ಆಧಾರ, ನಾಟಕೀಕರಣ ಪದ್ಧತಿಗಳು,
 - ಬೋಧನ ನೈಪುಣ್ಯಗಳು : ಪ್ರಯೋಗಾತ್ಯಮಕ ಬೋಧನೆ, ಸಮುಹ ಬೋಧನೆ, ಸೂಕ್ಷ್ಮ ಬೋಧನೆ, ಪರಿವೀಕ್ಷಣಾತ್ಮಕ ಅಧ್ಯಯನ.
- ಶೈಕ್ಷಣಿಕ ಯೋಜನೆ , ವಿಷಯ ಯೋಜನೆ ವಾರ್ಷಿಕ ಯೋಜನೆ, ಭಾಷವಿಯ ಸಮಗ್ರ ಯೋಜನೆ ಪತ್ಯ ಯೋಜನೆ,ಸನ್ನ ಪುಸ್ತಕಗಳು, ಉಪಪದ್ಯಪುಸ್ತಕ ಶಿಕ್ಷಕದರ್ಶಿನಿ.
- 5. ಶೈಕ್ಷಣಿಕ ಸಾಂಕೇತಿಕ ಶಾಸ್ತ್ರ : ಬೋದನೋಪಕರಣಗಳು, ಸಹಪಠ್ಯ ಕಾರ್ಯಕ್ರಮಗಳು, ಭಾಷಾಕ್ರೀಡೆಗಳ ರಚನೆ ಪ್ರಬಂಧ ರಚನೆ ಪತ್ರಕಾ ನಿರ್ವಣೆ . ಭಾಷಾ ಪ್ರವಾಸ , ಭಾಷಾ ಸಂಘಗಳು, ಗ್ರಂತಾಲಯಗಳು. ವಾಚನಾಲಯಗಳು, ಪರಾಮರ್ಶನ ಗ್ರಂಥಗಳು, ಮೂಲಗ್ರಂಥಗಳು.
- 6. ಮೌಲ್ಯಮಾಪನದ ಅವಶ್ಯಕತೆ, ಚಿಕ್ಕಪರೀಕ್ಷೆಗಳು, ಪರೀಕ್ಷೆ ಮತ್ತು ಚಿಕ್ಕಪರೀಕ್ಷೆಗಳ ವ್ಯತ್ಯಾಸ ಅಂತರ್ಗತ ಮೌಲ್ಯಮಾಪನ , ಲಕ್ಷಾಧಾರ ಮೌಲ್ಯ ಮಾಪನ, ಮೌಲ್ಯಮಾಪರೋಪಕರಣಗಳು, ಮೌಲ್ಯಮಾಪನ ವಿಧಾನ, ಲಕ್ಷಾಧಾರ ಚಿಕ್ಕಪರೀ೭ೆ ದೋಷಗಳ ವಿಶ್ಲೇಷಣೆ, ದೋಶನಿವಾರಣಾ ಬೋಧನೆ ನಿರ್ಧೇಶನಗಳು.

III (f) Language - I Oriya (Content and Methodology) (Marks: 30)

Content 24 marks

- କବି, ଲେଖକ, କାବ୍ୟ, ରଚନା ଚରିତ୍ର, ଉଦେଶ୍ୟ,ପୂର୍ବାପର ପ୍ରସଙ୍ଗ ଇତିବ୍ୟ, ସଦର୍ଭ ବାକ୍ୟ, ବିଶେଷାଂଶ
- ପ୍ରକ୍ରିୟା, ଲକ୍ଷଣ, ବିଦରଣ ଇତିହାସ, ପୁରାଣ,ପ୍ରବନ, କାବ୍ୟ, ଉପନ୍ୟାସ ପ୍ରୟାବନା, କଥା, ପାଦକୀୟ, ନିବନ, ପତ୍ରଲେଖନ ଜୀବନ-ଚରିତ,ଆତ୍କୁକଥା, ନାଟକ ,ସମୀଣା
- ୩. ଆଧୁନିକ ପାହିତ୍ୟର ବିଷୟବପ୍ଷୁ
 ଭାବକବିତା, ଅଭ୍ୟୁଦୟ କବିତା, ପାହିତ୍ୟ ଷେତ୍ରରେ କ୍ରାକ୍ତି
 ସୀ ବାଦ, ଦଳିତବାଦ, ସଂଖ୍ୟାଲସୁଗୋଷୀ
- ୪. ଓଡ଼ିଆ ଭାଷା ଉପରେ ଅନ୍ୟ ଭାଷାର ପ୍ରଭାବ-ସଂଗ୍ରତ, ଇଂରାଜୀ, ବଂଗାଳୀ, ତେଲୁଗୁ, ହିନ୍ଦୀ
- ୫. ଭାଷାରୂପ-ଶିଳାଲେଖ ଭାଷା, ଗ୍ରାହିକ,ବ୍ୟବହାରିକ, ପ୍ରାଦେଶିକ, ଆଧୁନିକ, ପ୍ରସାର ମାଧ୍ୟମ ଭାଷା
- ସାହିତ୍ୟ ବିମର୍ଣ
 କବି, କାବ୍ୟ, ନିର୍ବାଚନ, ପ୍ରୟୋଜନ, ଶୈଳୀ, ଅଳଙ୍କାର
- କବି, କାଦ୍ୟ, ନିର୍ବାଚନ, ପ୍ରୟୋଜନ, ଶୈଳୀ, ଅଳଙ୍କାର ୭. ଭାଷା–ଅଂଶ
- ରଳାରଣ, ଧ୍ୱନି, ଧ୍ୱନି-ଉତ୍ତି, ଶବ, ଅର୍ଥ, ନାନାର୍ଥ ପର୍ଯ୍ୟାୟ, ପଦ, ବ୍ୟୁତ୍ତି, ଶବ-ପରିଶାମ,ଅର୍ଥ-ପରିଶାମ ତତ୍ସ୍ୟ, ତତ୍ତ୍ୱ, ସେଶ, ବାକ୍ୟ, ବାକ୍ୟ ଭେଦ, ନିର୍ମାଣ, ସହି, ସମାସ, ଛଦ, ବ୍ୟାକରଣ-ପରିଭାଷା
- ୮. ଭାଷା, ସମାଜ, ସଂକୃତି, ପାରଞ୍ଜରିକ ପ୍ରଭାବ
- ୯. ଅନୁବାଦ (ଇଂରାଜୀ ରୁ ଓଡ଼ିଆ), ଆବଶ୍ୟକତା, ରୀଡି
- ୧୦. ପଠନ-ଅବଗାହନ (Comprehension)

- ୧. ଭାଷା-ବିବିଧ ଭାବନା
- ୨. ଭାଷା କୌଶଳ
- ୩. ପୋଡନା ଓ ପାଠ୍ୟକ୍ରମ
- ୪. ବିଦ୍ୟା ଚର ଏବଂ ସହପାଠ୍ୟ କାର୍ଯ୍ୟକ୍ମ
- ୫. ପାହିତ୍ୟ ପୁକ୍ତିୟା : ବୋଧନ ପଦତି
- ୬. ମୂଲ୍ୟାଙ୍କନ ଓ ପରୀୟା

III (g) Language - I Sanskrit (Content and Methodology) (Marks: 30)

Content 24 marks

- १ कवय : रचयितार: काव्यम रचना:
- २ प्रक्रिया लक्षण: तथा विवरण: इतिहास: पुराण:, खण्डकाव्यम, कथा, निवध रचना, नाटकम, आत्मकथा, जीवन - चरितम,
- अधुनिक साहित्य परम्परा ,गतिकाव्य आधुनिक कविता, आधुनिक कथा
- ४ संस्कृत साहित्यस्य उपरि अन्य भाषाणां प्रभाव : वैदिक संस्कृते प्राकृत झब्द ,आधुनिक संस्कृत साहित्ये भारतीय भाषाणा प्रभाव :
- ५ भावा रुपम् अभिलेख तथा डिालालेख भाषा ,प्रान्धिक भाषा, व्यवहारिक भाषा
- ६ साहित्यविमर्श : कवि, काव्य, लक्षणम् प्रयोजनम् जैली अलंकार :
- ७ भाषांजाः

उञ्चारण ध्वनिः ध्वन्युत्पत्ति, ध्वनि उत्पत्ती स्थानं, शब्दः प्रातिपदिकम् प्रत्ययः (कृदन्ताः तब्दिताः) कारक तथा विभाकि, अर्थः, नानार्थाः पर्यायवाचिनः वाक्यम वाक्यभेदः सुबन्तः तिडन्तः संन्धयः समासाः छन्दः अलंकारः

- ८ भाषा ,समाज:संस्कृति: एतयो: पारस्:रिक : प्रभाव:
- ९- अनुवाद:-(आडग्न भाषातः संस्कृत भाषा) आवश्यकता, रीतिः
- १० पठनावमाहनम (Comprehension)

- १ भाषा विविधताः भावनाः
- २ भाषा नेप्ण्यम
- पाठचक्रम योजना पाठचप्रनथ :
- ४ विद्या सांकेतिक शास्त्रम् सहपाठच कार्यक्रम :
- ५ साहित्य प्रक्रिया : बोधन पध्दती:
- ६ म्ल्यांकनम परिक्षा च ।

III. Language — II English (Content and Methodology) (Marks: 30)

Content (Marks: 24)

- (1) Parts of Speech
- (2) Tenses
- (3) Active voice & Passive voice
- (4) Prepositions and Articles
- (5) Degrees of comparison
- (6) Clauses
- (7) Verbs Main Verbs Auxiliary Verbs Presale Verbs
- (8) Adverbs Types of Adverbs
- (9) Conjunction coordinating conjunction subordinating conjunction.
- (10) Direct and Indirect speech
- (11) Questions and question tags
- (12) Types of sentences simple, compound and complex synthesis of sentences
- (13) Phrases uses of phrases.
- (14) Composition letter writing —précis writing
- (15) Reading Comprehension
- (16) Vocabulary Antonyms, Synonyms and Spellings.
- (17) Correction of Sentences.
- (18) Idiomatic Expression.
- (19) Sequencing of the Sentences in paragraph.

Methodology(Marks: 06)

- Aspects of English:- (a) English language History, nature, importance, principles of English as second language. (b) Problems of teaching / learning English.
- 2. Objectives of teaching English.
- 3. Phonetics / Transcription.
- 4. Development of Language skills:-
 - (a) Listening, Speaking, Reading & Writing (LSRW).
 - (b) Communicative skills Imparting values through Communication.
- 5. Approaches, Methods, Techniques of teaching English:- (a) Introduction, definition & types of Approaches, Methods & Techniques of teaching English
 - (b) Remedial teaching.
- 6. Teaching learning materials in English.
- 7. Lesson Planning.

- 8. Curriculum & Textbooks Importance and its need.
- 9. Evaluation in English language.

IV. MATHEMATICS & SCIENCE (Marks: 60)

a. MATHEMATICS (30 MARKS)

CONTENT (Marks: 24)

- 1. Number System Prime and Composite Numbers, Tests of divisibility, whole numbers, integers, fractions, decimal fractions, L.C.M. and G.C.D. rational numbers and irrational numbers. Properties of numbers, Real numbers; laws of exponents, squares, square roots, cubes, cube roots, finding missing number represented as alphabets in sums involving array of four operations, number patterns, number puzzles, Euclid division lemma, concept of logarithms.
- **2. Arithmetic -** Ratio and proportion, simple interest, compound interest, Time and distance, Discount, tax, time and work, profit and loss
- **3. Algebra** -Introduction to Algebra, expressions, exponents and powers, Factorization special products and expansions, linear equations and their graphs, polynomials, Quadratic equations and its applications, concept of progressions, progressions (AP and GP).nth term and sum of the first n terms in AP, nth term of GP.
- **4. Sets** Concept of set, set language, empty set, finite and infinite sets, subset and equality of sets, cardinal number of set, set operations, representation of sets, Venn diagrams and their properties.
- **5. Geometry -** History of Geometry, Contribution of India in the Development of Geometry, Euclid Geometry, Lines and Angles, Similar Triangles, Pythagoras theorem, congruency of triangles, Properties of Circles, Triangles, Quadrilaterals and polygons, Parts of Circle: Construction of Circle, Triangles and Quadrilaterals, Circles and concurrent lines in triangles, symmetry.
- **6.** Co-ordinate Geometry- Co-ordinates of a point, plotting of points, representing of linear equations in two variables (of the form ax+by+c=0,) in the Cartesian coordination system). Linear equations with 2 variables, slope of a line, distance between two points in a plane, section formula, Area of a triangle, collinearity of points in a co-ordinate plane, centroid of a triangle.
- 7. Menstruation Perimeter and Area of a Square and Rectangle. Area of Triangle, Circle, Ring and Quadrilaterals. Surface area and volume of Cube, Cuboid, Lateral & total Surface area and volume of a cylinder, cone, sphere and hemisphere, conversion of one solid to another shape, surface area and volume of combination of solids.
- **8. Data Handling(Statics and Probability)** Collection and Classification of Data, Frequency distribution table, Tally marks, Bar graph, Pictograph and Pie diagrams, mean, median and mode for un-grouped and grouped data, cumulative frequency table and ogive curves, concept of probability, simple problems (day to day life situation) on single events, concept of complementary events.
- 9. Trigonometry Introduction of Trigonometry, Relationship between ratios, values of trigonometric ratios, (0°, 30°, 45°, 60° and 90°) Trigonometric identities, trigonometric ratios of complementary angles, applications of trigonometry, Angle of elevation and depression, simple problems.

PEDAGOGY (Marks: 06)

- 1. Definition and Nature of Mathematics, History of Mathematics.
- Aims, values, instructional objectives of teaching Mathematics and Academic Standards
- 3. Methods of Teaching Mathematics

- 4. Instructional material in Mathematics TLM in Mathematics, Use of ICT in teaching Mathematics
- 5. Instructional Planning
- 6. Continuous Comprehensive Evaluation (CCE) Formative Assessment, Summative Assessment -Processes and procedures
- 7. Designing, Administration, Analysis of scholastic Achievement Test (SAT)
- 8. Diagnostic and Remedial Teaching
- 9. The Mathematics Teacher
- 10.Resource Utilization
- 11.Curriculum and Text Book

IV(b).SCIENCE

CONTENT

(Marks: 24)

- 1. Natural Resources Air, Water: Water pollution, Harnessing of water, States of water, Hardness of water, water pressure Air pollution, Atmospheric Pressure, Air pressure, Archimedes' principle, Pascal's law, Bernoulli's Principle, Hydrometer, Barometer. Laws of floatation, Specific gravity, Surface tension, Fluid Mechanics.
- **2. Our Universe: Solar e**clipse lunar eclipse Constellation Zodiac, Space travel; Solar system, Satellites, stars, comets; Earth.

3. Natural Phenomenon:

Light: How can we see objects - shadows - Reflection of light - laws of reflection - plane mirrors and images - Virtual image, real image, pinhole camera, periscope, kaleidoscope - spherical mirrors and images -Fermat's Principal - Applications of reflection of light - Refraction of light - laws of refraction - refractive index, Snell's law - total internal reflection and its applications - refraction through glass prisms and slabs -refraction at curved surfaces and through lenses - images formed by lenses and ray diagrams - construction of human eye - least distinct vision - defects of vision-formation of rainbow- dispersion of light.

of vision-formation of rainbow- dispersion of light.

Sound: Sources of sound, Production and propagation of sound - construction of human ear and its working - Properties of sound - auditable range - Sound Pollution, Sound Waves, Kinds of Sound Waves, characteristics of sound waves - reflection of sound - echo - uses of ultrasonic sounds - Musical instruments.

Heat: Concept of heat and temperature - thermal equilibrium - Measurement of Temperature - Types of Thermometers - specific heat and its applications in daily life - methods of mixtures - evaporation -condensation - boiling point - melting point.

4. Mechanics - Kinematics, Dynamics: Concept of motion and rest.

- Types of Motion; Speed, Velocity, Acceleration, Newton's Laws of Motion, force - types of force - resultant force - Friction - types of friction - factors influencing the friction - fluid friction - gravitation - Newton's law of gravitation - centre of gravity and stability. Work and energy - types of energy - conservation of energy.

5. Magnetism and Electricity:

Magnetism: Natural Magnets and Artificial Magnets, properties of Magnets, uses magnets - methods of magnetization - Magnetic Induction - magnetic field - Magnetic lines of force.

Electricity: Electric Circuit - Primary Cells - conductors and insulators - electric charge - electric field - electric potential - potential difference - EMF - Ohm's law -

- resistance specific resistance resistances in series and parallel heating effects of electric current - electric power - magnetic effects of electric current -solenoid -Fleming's left hand rule - electric motor - electromagnetic induction - electric generator - electrical conductivity of liquids - electro plating - Faraday's laws of electrolysis.
- **6. Matter around us:** States of matter properties of matter substances and mixtures methods of separation of mixtures fibers types of fibers, plastics types of plastics - use of plastics and environment. Acids, bases and salts - neutralization metals and non metals - physical and chemical properties of metals and non-metals -Coal and petroleum - combustion and fuels - types of combustion - temperature of combustion - calorific value.
- Laws of Chemical Combination and Chemical Calculations: Physical change, chemical change Laws of chemical combination, chemical reactions and calculations. Types of chemical reactions.
- **8.** Atomic Structure: Atoms and molecules elements atomicity Dalton's atomic theory Ions - atomic mass - valency - molecular mass - concept of mole - molar mass Thomson model of atom, Rutherford model of atom - Bohr's model of atom - atomic number - Isotopes - quantum numbers - electronic configuration.
- 9. Periodic classification and chemical bonding: Dobenier triads Newlands law of octave - Mendaliev's periodic table - long form of periodic table - changes of properties of elements in groups and periods. Chemical Bond - ionic bond - covalent bond - shapes of molecules - electron valency theory -properties of ionic and covalent substances.
- 10. Metallurgy: Extraction of metals and steps reactivity of metals and its role in extraction of metals -various methods of extraction of metals.
- 11. Biology: Its importance in everyday life theories of Classification, theories of Evaluations.
- 12. Living World Characteristics: Classification of Plants and Animals and their characteristics.
 - a) Cell: Concept, Cell theory, differences between Plant cell and Animal cell, Cell divisions, Cell organelles.
- b) Tissues Animal tissues, plant tissues.13. Plant World Types of plants:
- - Parts of a plant their functions, seed dispersal, fibers from plants. Reproduction -Asexual, Sexual, Vegetative propagation, Nutrition, Photosynthesis, Excretion, Respiration, Economic importance of plants.
 - Economic importance of Plants, Agriculture, Crop diseases & pest control measure.
- 14. Animal World: Organ systems and their functions including man, Life processes Digestive system, Respiratory system, Circulatory system, Excretory system, Nervous system, Endocrine system, Skelton system, Reproductive system, Sense organs in man, Nutrition Deficiency diseases in man, First Aid, HIV/ AIDS, animal behaviour Economic importance of Animals, Animal husbandry, Pisciculture, Sericulture, Epiculture, Challenges in Argiculture.
- 15. Microbes: Bacteria, Viruses, Fungi, Protozoan useful and harmful microbes, microbial
 - diseases in plants & animals.
- **16. Our Environment:** Biotic & Abiotic factors, Natural resources, Biodiversity, different eco systems, air pollution, water pollution, soil pollution, carbon cycle, nitrogen cycle, oxygen cycle.
- 17. Recent trends in Biology: -Hybridization, Genetic engineering, Gene banks, Gene therapy, Tissue culture

PEDAGOGY (Marks: 06)

- 1. Definition, Nature, Structure and History of Science
- 2. Aims, Values, Instructional Objectives of teaching Science and Academic Standards in Science

- 3. Methods of Teaching Science
- 4. Teaching Learning Material in Teaching of Science TLM in Science Use of
- 5. Instructional Planning
- 6. Science Laboratory
- Science Teacher Changing Roles
 Science Curriculum and its transaction, NCF-2005, SCF-2011
- 9. Science Textbooks.
- 10. Evaluation CCE Formative Assessment, Summative Assessment Designing and Administration- Analysis of Scholastic Achievement Test (SAT)

IV b. SOCIAL STUDIES (Marks: 60)

CONTENT (Marks 48)

I. DIVERSITY ON THE EARTH

- 1. Reading and understating of Maps scale cardinal points types of maps evolution of maps - conventional signs - contour lines
- 2. Globe oceans and continents latitudes and longitudes origin of earth realms of the earth (lithosphere, atmosphere, hydrosphere, biosphere) - landforms movements of the earth and its effect -seasons - interior of the earth
- 3. Solar Energy insolation temperature and its measuring terrestrial radiation polar regions
- 4. Elements of climate types of rainfall.
- 5. Europe, Africa location physical features climate forests and wild life population - agriculture -minerals - industries - transportation - trade, exports and imports.
- 6. Geography of India and Andhra Pradesh physical features rivers and other water sources - seasons -forests - climate and its factors affecting - floods and droughts - forests - soils -electricity - agriculture - mineral wealth - industries population, literacy rate - density of population -settlements and migration transportation.
- 7. Disaster management types of disasters drought accident related threat of terrorism - human induced disasters.

II. PRODUCTION - EXCHANGE AND LIVELIHOODS

- 1. Livelihood of earliest people sites in Andhra Pradesh domestication settled life Agriculture - types of farming - crop seasons - problems of agriculture and agricultural labourers and small farmers -contract farming - agriculture in Andhra Pradesh - trade and marketing - Self Help Groups - agricultural markets yards - Minimum Support Price - land holdings - phases in agricultural development - green revolution - organic farming.
- 2. Production handicrafts and handlooms cooperative societies and their role industrial revolution -sources of energy - trade in industrial products urbanization and slums - production in a paper factory - process of making paper - transport system in Andhra Pradesh - employment in transport -congestion and
- 3. Industries factors of location agro based and mineral based industries automobile industries and IT - phases in industrial development - Industrial policies - growth in production - environmental problems.
- 4. Service Activities categories importance challenges.
- 5. Money and Banking Barter System exchange with money evolution of money emergence of banks commercial banking types of deposits Cheques and Demand Drafts - loans - Internet Banking - credit in the financial system financial literacy.
- 6. Prices and Cost of Living price's effect on people inflation consumer price index - regulation of prices - government budget and taxation - VAT.

- 7. Production and Employment sectors of the economy National Income (GDP) Percapita Income -HDI employment organized and unorganized sectors impact of technology on three sectors of the economy.
- 8. Public Health and Government health care services public and private health insurance.
- 9. Globalization flows in economic exchange MNCs Foreign trade factors enabling globalization -WTO, IMF impact.
- 10. Food Security and Nutritional Status of India PDS sustainable development meaning sustainable development with equity.

III. POLITICAL SYSTEMS AND GOVERNANCE

- 1. Tribal Panchayat system present local body system (Gram Panchayat, Mandal Parishad and Zilla Parishad) & Urban Governments formation and functions.
- **2.** Emergence of kingdoms and republics first empires Mouryas Rajputs Rastrakutas Cholas -Deccan kingdoms Satavahana Kushants Guptas.
- 3. Regional Kingdoms: Kakatiyas Vijayanagara Empires Qutubshahis.
- **4.** Moghals Asafjahis British Empire landlords and tenants under the British and Nizams and Moghals.
- **5.** National Movement in India Muslim League partition and migration merging of princely states.
- **6.** Making of laws and implementation of laws Assembly Council and Parliament Election process.
- 7. Indian Constitution formation features and preamble Justice Rule of Law Judicial System civil and criminal laws levels of courts.
- **8.** Changing cultural traditions in Europe 1300-1800 renaissance reformation modern science.
- **9.** Democratic and National Movements England, American and French revolutions unification of Germany and Italy. Expansion of Democracy in Myanmar and Libya Civil Liberties.
- **10.**Industrialization and social change Britain, Germany and France movements of women, workers (Socialism).
- **11.**Colonialism in Latin America, Asia and Africa impact on India and other regional movements.
- **12.**World Wars I and II reasons -Treaty of Versailles League of Nations Holocaust Nazism Facism, consequences Great depression.
- 13. National Liberation Movements in China, Vietnam and Nigeria
- **14.**Post War World and India UNO NAM west Asian conflicts peace movements and collapse of USSR.
- **15.**Independent India first general elections SRC Relation with neighboring countries regional agitations and formation of parties coalition governments Emergency period Mandal commission -economic liberalism.
- **16.** Traffic Education traffic signals signs necessary documents.

IV. SOCIAL ORGANIZATION AND INEQUITIES

- 1. Diversity in India gender inequalities sex ratio employment status of women and their work with wages women protection acts.
- 2. Caste discriminations reformers initiations.
- 3. Abolition of Zamindari System Rural poverty at the time of independence Land ceiling Bhoodan Movement.
- 4. Poverty distress in rural areas poverty as chronic hunger food inequality elimination of poverty access to affordable food the right to life
- 5. Human Rights and Fundamental Rights Right to Information Right to Education Lok Adalat.
- 6. Social Movements Civil Rights movement in USA Green Peace movements Bhopal gas disaster -NBM meria paibi Human Rights Movement in USSR.

V.RELIGION AND SOCIETY

- 1. Religion and society in early times Indus Valley Civilization Vedas Hinduism, Buddism, Jainism, Christionity, Islam and sufisim, Bhakti movement, new religious developments in India.
- 2. Folk religion communal worship of folk deities. The antiquity of folk traditions inter mixing of village deities and high religious traditions
- 3. Social and Religious Reforms Movement Christian Missionaries and Oriental Scholars Religious Movements of Bengal and Punjab Reform and Education among Muslims Women and Dalits in freedom movements.
- 4. Understanding Secularism.

VI.CULTURE AND COMMUNICATION

- 1. Indian Heritage and Culture Historical sites
- 2. Language, writing and script Vedas epics jataka stories sangam literature in Tamil.
- 3. Culture and Buildings Harappan cities Buddhist Stupas and Viharas rock cutchaityas.
- 4. Rulers and Buildings Engineering skills and construction (temples, mosques, tombs, forts and tanks) destruction of temples imperial style of Vijayanagara period.
- Performing arts Film and Print Media Evolution of cinema influence of films on the society - role of newspapers in cultural awakening and freedom movement.
- 6. Influence of sports on Nationalism and Economic Development of the Nation.
- 7. Role of print Media in Cultural Awadning

PEDAGOGY (Marks: 12)

- 1. Aims and objectives of learning Social Sciences
 - -values through Social Sciences learning objectives and illustrations learning objectives in constructivist approach Academic Standards
- 2. School curriculum and resources in Social Sciences
 - NCF-2005, RTE-2009, SCF-2011 syllabus Learning Resources.
- 3. Social Sciences as on integrating area of study: Context and concerns
 - Distinguishing between Natural and Social Sciences Social Studies and various Social Sciences contributions of some eminent Social Scientists
- **4.** Approaches and strategies for learning Social Sciences
 - -collaborative learning approach 5E learning model problem solving approach planning -concept mapping
- 5. Community Resources and Social Sciences Laboratory
- **6.** Tools and techniques of assessment for learning: Social Sciences
- 7. Evaluation CCE assessment framework assessment learning of students with special need.