

TEACHER ELIGIBILITY TEST – 2018

PAPER-I Syllabus

PART - A

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 Childhood, Adolescence.
- Understanding Development — Piaget, Kohlberg, Chomsky, Carl Rogers, Erikson
- Individual differences — Intra & 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, Behavioral 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—Behaviorism (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 behavior 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.

(OR)

Urdu:

Content: 24 Marks

- I مطالعہ کا فہم : (A) ان دیکھا نثر
(B) ان دیکھی نظم
- II جماعت اول تا ہشتم تک کی درسی کتابیں
(A) شعراء و ادباء کا تعارف
(B) سوانح حیات اور ان کے ادبی کارنامے
(C) اسباق
(D) اردو کے نثری اور شاعری (نظم) کے اصناف
- III لفظیات و زبان شناسی (صرف اسباق سے تعلق رکھنے والے)
لفظیات : (A) معنی
(B) مترادفات
(C) اضداد
(D) محاورے
- IV زبان شناسی :
(A) زبان کے حصے
(B) زمانے
(C) جنس
(D) رموز و اوقاف
(E) علم ہجا (حروف تہجی، حروف علت، حروف صغیر، حروف عظمیٰ و قری)
(F) سادہ اور لائق
(G) گلہ اور اس کے اقسام
(H) ام اور اس کے اقسام
(I) طمیر اور اس کے اقسام
(J) صفت اور اس کے اقسام

Methodology: 06 Marks

- تحتاوی سطح پر زبان کی ترقی و تفہیم
سال اول :- (1) زبان - سماج
(2) تحتاوی سطح پر زبان کی استعدادوں کی ترقی
(3) درسی کتابیں - علم تدریس کا فہم
(4) منصوبہ کمرہ جماعت - زبانی اکتساب - احتساب
- سال دوم :- (1) زبان کی تدریس - سچے
(2) زبان کی استعدادوں کی ترویج کرنا
(3) زبان کے وسائل اور اس کا استعمال
(4) زبان کی ترقی کی کارکردگیاں
(5) زبان کے اکتساب متوقع نتائج - حکمت عملیاں

(OR)

Kannada: (30 Marks)

Content: (24Marks)

➤ ಪಠನಾವಗಾಹನೆ :

1. ಅಪರಿಚಿತ ಪದ್ಯ
2. ಅಪರಿಚಿತ ಗದ್ಯ

➤ 1 ರಿಂದ 8 ನೇ ತರಗತಿಗಳ ಕನ್ನಡ ಪಠ್ಯಪುಸ್ತಕಗಳು, ಪೂರಕ ಪಾಠಗಳಲ್ಲಿನ ವಿಷಯಗಳು.

ಕವಿ - ಕಾವ್ಯಗಳು, ಲೇಖಕರು - ಕೃತಿಗಳ ಪರಿಚಯ

➤ ಪದ ಸಂಪತ್ತು :-

ಕೇವಲ ಪಠ್ಯಭಾಗದಲ್ಲಿನ ಅರ್ಥಗಳು, ಸಮನಾರ್ಥಕ ಪದಗಳು, ನಾನಾರ್ಥಗಳು,

ತತ್ಸಮ - ತದ್ಭವಗಳು, ನುಡಿಗಟ್ಟುಗಳು, ಗಾದೆಗಳು, ಸಕರ್ಮಕ ಮತ್ತು ಅಕರ್ಮಕ ಪದಗಳು, ಲಿಂಗ, ವಚನ, ಕಾಲಗಳು.

➤ ಭಾಷಾಂಶಗಳು :

1. ವಿಭಕ್ತಿ ಪ್ರತ್ಯಯಗಳು, ಲೇಖನ ಚಿಹ್ನೆಗಳು, ಪಾರಿಭಾಷಿಕ ಪದಗಳು, ಪುರುಷಗಳು, (ದ್ವಂದ್ವಗಳು,ವ್ಯಂಜನಗಳು, ಸ್ವರಗಳು, ಅನುನಾಸಿಕಗಳು, ಸಂಯುಕ್ತಾಕ್ಷರಗಳು ಇತ್ಯಾದಿ.
2. ಸಂಧಿಗಳು : (ಕನ್ನಡ ಸಂಧಿಗಳು, ಸಂಸ್ಕೃತ ಸಂಧಿಗಳು)ಪದಗಳನ್ನು ಬಿಡಿಸಿ ಬರೆಯುವುದು, ಪದಗಳನ್ನು ಸಂಧಿ ಮಾಡುವುದು.
3. ಸಮಾಸಗಳು : ವಿಗ್ರಹ ವಾಕ್ಯಗಳನ್ನು ಗುರುತಿಸುವಿಕೆ.
ವಿಗ್ರಹ ವಾಕ್ಯಗಳನ್ನು ಸಮಾಸ ಪದಗಳಾಗಿ ಬೋಡಿಸುವುದು.
4. ಛಂದಸ್ಸು : ಗುರು, ಲಘುಗಳ ಲಕ್ಷಣಗಳನ್ನು ಗುರುತಿಸುವುದು.
4. ಅಲಂಕಾರ : ಪಠ್ಯಪುಸ್ತಕದಲ್ಲಿನ ಅಲಂಕಾರಗಳನ್ನು ಗುರುತಿಸುವುದು.
5. ವಾಕ್ಯಗಳು(ಸಾಮಾನ್ಯ, ಸಂಯುಕ್ತ, ಮಿಶ್ರ ವಾಕ್ಯ)

Methodology (6 Marks)

ಕನ್ನಡ ಭಾಷಾ ಬೋಧನಾ ಪದ್ಧತಿಗಳು

- 1) ಕನ್ನಡ ಭಾಷಾ ಬೋಧನೆ ಮತ್ತು ಬೋಧಕ : ಬೋಧನೆಯ ಉದ್ದೇಶಗಳು ಮತ್ತು ಗುರಿಗಳು, ವಿಧಾನಗಳು
- 2) ಭಾಷಾ ಕೌಶಲ್ಯಗಳು : ವಾಚನ ಕೌಶಲ್ಯ - ಉದ್ದೇಶಗಳು, ಪ್ರಕಾರಗಳು, ಮಹತ್ವ, ಓದುಗಾರಿಕೆಯನ್ನು ವಿಧಾನಗಳು, ಗಮನಿಸಬೇಕಾದ ಅಂಶಗಳು, ಧ್ವನ್ಯಂಗಳ ಉತ್ಪಾದನಾ ಕಾರ್ಯ.
- 3) ಲೇಖನ ಕೌಶಲ್ಯಗಳು : ಲೇಖನ ಕೌಶಲ್ಯ - ಉದ್ದೇಶಗಳು - ಕಲಿಸುವ ಕ್ರಮಗಳು - ಗಮನಿಸಬೇಕಾದ ಅಂಶಗಳು - ದೋಷಗಳ ನಿವಾರಣೋಪಾಯಗಳು.
- 4) ಮಾತುಗಾರಿಕೆ : ಉದ್ದೇಶಗಳು- ಉತ್ತಮ ಪಡಿಸುವ ಚಟುವಟಿಕೆಗಳು - ದೋಷಗಳು ಮತ್ತು ನಿವಾರಣೋಪಾಯಗಳು
- 5) ಬೋಧನಾ ಪದ್ಧತಿಗಳು : ಪದ್ಯ ಬೋಧನೆ ಮಹತ್ವ - ಬೋಧಿಸುವ ಕ್ರಮ -ಪದ್ಧತಿಗಳು , ಗದ್ಯ ಬೋಧನೆ - ಮಹತ್ವ - ಕ್ರಮ - ಪದ್ಧತಿಗಳು, ವ್ಯಾಕರಣ ಬೋಧನೆ - ಮಹತ್ವ - ಉದ್ದೇಶ - ಗುರಿಗಳು - ಪದ್ಧತಿಗಳು - ವಿಧಾನಗಳು
- 6) ಯೋಜನೆಗಳ ರಚನೆ : ಪಾಠ ಯೋಜನೆ - ವಾರ್ಷಿಕ ಯೋಜನೆ - ಘಟಕ ಯೋಜನೆ - ರಚನೆಯಲ್ಲಿ ಅನುಸರಿಸಬೇಕಾದ ಅಂಶಗಳು - ವ್ಯತ್ಯಾಸಗಳು
- 7) ಪಠ್ಯಕ್ರಮ ರಚನೆ : ತತ್ವಗಳು - ಗಮನಿಸಬೇಕಾದ ಅಂಶಗಳು - ರಾಷ್ಟ್ರೀಕರಣ - ವಾಚನಾಲಯ
- 8) ಬೋಧನಾ ಸಂಪನ್ಮೂಲಗಳು : ಬೋಧನೋಪಕರಣಗಳ ಮಹತ್ವ - ಪಾತ್ರ - ವರ್ಗೀಕರಣ - ಬೋಧನೋಪಕರಣಗಳನ್ನು ಬಳಸುವ ರೀತಿ .

(OR)

Tamil (30 Marks)

Content (24 Marks)

- I. புரிந்துகொள்ளுதல் - விடையளித்தல்
அ) அறியாப் பத்தி ஆ) அறியாச் செய்யுள்
- II. 3ஆம் வகுப்பிலிருந்து 8ஆம் வகுப்பு வரை தமிழ் பாடப் புத்தகத்திலுள்ள அனைத்தும்.
அ) ஆசிரியர் குறிப்பு (3ஆம் வகுப்பிலிருந்து 8ஆம் வகுப்புவரை)
ஆ) சிறப்பம்சங்கள் (3ஆம் வகுப்பிலிருந்து 8ஆம் வகுப்புவரை செய்யுள்)
சொல்லாக்கம் :
3ஆம் வகுப்பிலிருந்து 8ஆம் வகுப்புவரையுள்ள
அ) சொற்பொருள் ஆ) தொகைச்சொல் இ) பிரித்து எழுதுக
ஈ) சேர்த்துஎழுதுக உ) மரபுச் சொற்கள் ஊ) பிறமொழி சொல்லுக்கு தமிழ்ச்சொல்
ஏ) வழக்கு (பேச்சு, எழுத்து) ஏ) ஒரு பொருள் குறித்த பல சொற்கள்.
- III. மொழித்திறன் :
3ஆம் வகுப்பிலிருந்து 8ஆம் வகுப்புவரையுள்ள

அ) எழுத்து (முதலெழுத்து, சார்பெழுத்து) ஆ) காலம் இ) பால் ஈ) இடம் உ) திணை
ஊ) மூவகைப்போலி ஏ) நால்வகைச்சொற்கள் ஏ) வேற்றுமை உருபுமட்டு ஐ) புணர்ச்சி
(இயல்பு, விகாரம்) ஐ) யாப்பு (அசைகளை அடையாளம் காணல்) ஐ) அணி செய்யுளில்
அமைந்துள்ள அணியை அடையாளம் காண்) ஒள்) தொடர்கள் (செய்வினை, உணர்ச்சி,
கட்டளை, எதிர்மறை)

Methodology (06 Marks)

- * தமிழ்மொழி கற்பித்தல் முறைகள் :
முதலாம் ஆண்டு D.Ed.
- * தமிழ் மொழித்திறன் வளர்த்தல்.
* மொழியின் இயல்பும் கற்பித்தலும்.
* அடிப்படைத் திறன்கள் - பாடங்களைக் கற்பித்தல்.
* பாடம் கற்பிப்புத் திட்டம்.
இரண்டாம் ஆண்டு D.Ed.
- * பாட ஏற்பாடு - சொற்களஞ்சியம் பெருக்குதல்.
* தமிழ் மொழித்திறன் வளர்த்தல்.
* தமிழ் கற்பித்தலில் தகவல் தொழில் நுட்பம்.
* தேர்வும் - மதிப்பீடும்.

(OR)

Odiya:

Content (24 Marks)

1. ଅବବେଧ ପରୀକ୍ଷଣ :-

a) ଅପରିଚିତ ପଦ୍ମ b) ଅପରିଚିତ ଗଦ୍ୟ

2. ପ୍ରଥମ ଶ୍ରବଣରୁ ଅଷ୍ଟମ ଶ୍ରବଣ ପର୍ଯ୍ୟନ୍ତ ସାହିତ୍ୟ ପାଠ୍ୟବହି ଅନ୍ତର୍ଗତ :-

a) କବି /ଲକ୍ଷ୍ୟକ ପରିଚୟ b) ବିଷୟବସ୍ତୁର ବର୍ଣ୍ଣିତ୍ୱ

3. ଶବ୍ଦ ଭଣ୍ଡାର :- ପ୍ରଥମ ଶ୍ରବଣରୁ ଅଷ୍ଟମ ଶ୍ରବଣ ପର୍ଯ୍ୟନ୍ତ ପାଠ୍ୟଭିତ୍ତିକ :-

a) ଶବ୍ଦାର୍ଥ

b) ପ୍ରତିଶବ୍ଦ

c) ଭିନ୍ନ ଜାତୀୟ ଶବ୍ଦ

d) ବିପରୀତାର୍ଥ ବେଧକ ଶବ୍ଦ

e) ସମବେଶିତ ଶବ୍ଦ

f) ଯୁଗ୍ମ ଶବ୍ଦ

g) ପଦ୍ମ, ଗଦ୍ୟ ରୂପ

h) ଏକ ପଦରେ ପ୍ରକାଶ କର

i) ପୂର୍ବପଦ - ପରପଦ ଯେତେବେଳେ ନୂତନ ଶବ୍ଦ

4. ଭାଷା ପ୍ରକରଣ :-

a) ବର୍ଣ୍ଣମାଳାର ସ୍ୱରୂପ, ମାତ୍ରା, ଫଳା, ଯୁକ୍ତବ୍ୟଞ୍ଜନ, ସ୍ୱଧ୍ୱନି ବ୍ୟଞ୍ଜନ ଧ୍ୱନି, ବିରାମ ଚିହ୍ନ

b) ପଦ ପ୍ରକରଣ – ବିଶେଷ୍ୟ, ବିଶେଷଣ, ସର୍ବନାମ, କ୍ରିୟା ଓ ଅବ୍ୟୟର ସଂଜ୍ଞା – ପ୍ରକାର ଭେଦ

c) ସନ୍ଧି – ସଂଜ୍ଞା, ପ୍ରକାର ଭେଦ, ସନ୍ଧିବିଚ୍ଛେଦ, ସନ୍ଧି ଶବ୍ଦ ଗଠନ

d) ସମାସ – ସମାସର ନାମ, ସମସ୍ତ ପଦ, ବିଗ୍ରହ ବାକ୍ୟ

e) ଛନ୍ଦ – ସଂଜ୍ଞା, ପ୍ରକାର ଭେଦ, ଉଦାହରଣ

f) ଅଳଞ୍ଜାର – ସଂଜ୍ଞା, ପ୍ରକାର ଭେଦ, ଲକ୍ଷଣ, ଉଦାହରଣ

(ଅନୁପ୍ରାସ, ଯମକ, ଶ୍ଳୋକାଦିଶବ୍ଦାଳଞ୍ଜାରମାତ୍ର)

g) ବାକ୍ୟ – ପ୍ରକାର ଭେଦ, ସରଳ, ଯତ୍ନିକ, ଜଟିଳ ଓ ମିଶ୍ରବାକ୍ୟ

Methodology :- [6 Marks]

1) ପ୍ରାଥମିକ ସ୍ତରରେ ମାତୃଭାଷା ଶିକ୍ଷାଦାନର ଗୁରୁତ୍ୱ, ଲକ୍ଷ୍ୟ ଓ ଉଦ୍ଦେଶ୍ୟ

2) ଭାଷାଗତ ଦକ୍ଷତାର ବିକାଶ

3) ପାଠ୍ୟପୁସ୍ତକ ଏବଂ ଶିକ୍ଷାଦାନ ପଦ୍ଧତି

4) ପାଠ୍ୟଯୋଜନା ଓ ବିଭିନ୍ନ ଶିକ୍ଷଣ ଉପକରଣର ବିନିଯୋଗ

5) ମୂଲ୍ୟାୟନ[CCE]

English: (Content and Methodology) (Marks: 30)

VOCABULARY	LEVEL OF TESTING
Synonyms	Identification
Antonyms	Identification
Homophones	Identification
Homonyms	Identification
Spelling	Spelling
Phrasal Verbs	Identification of Meaning
Word Formation	Suffixes and Prefixes
GRAMMAR	LEVEL OF TESTING
Helping Verbs	Forms, contractions
Modal Auxiliaries	Form, Function & Contractions
Ordinary Verbs	Form, Function & Contractions
Articles	Use of Articles
Prepositions	Simple Prepositions Including Prepositions following Certain Words
Clauses	Main Clauses, sub-ordinate Clauses, Noun Clauses, If Clauses, Relative Clauses
Sentence Structures	Basic Sentence Structures
Degrees of Comparison	Form, Function, Construction, Transformation
Language Functions	Language Functions with social norms (School and domestic context)
Question Tags	Imperatives and Statements
Types of Sentences	Types of Sentences
Direct Speech & Indirect Speech	Statements, Questions, Imperatives
Active Voice & Passive Voice	Active Voice & Passive Voice
Tenses	Use of tenses and framing including IF conditionals Type 1 &3
Agreement between subject & Verb	Agreement between subject & Verb
Word Order	Word Order In a phrase or a sentence
Parts of Speech	Nouns, Pronouns, Adjectives, Adverbs, Conjunctions - Types and functions
Linkers	Linkers
Transformation of Sentences	Simple, Compound and Complex Sentences
Common Errors	Based on all Vocabulary and Grammar Topics

MECHANICS OF WRITING	LEVEL OF TESTING
Punctuation and Capitalization	Use of capital letters, comma, full stop, question mark and exclamation mark
DISCOURSES	LEVEL OF TESTING
Writing of Discourses	Letter Writing, Diary writing, Description
DICTIONARY SKILLS	LEVEL OF TESTING
DICTIONARY SKILLS	DICTIONARY SKILLS
READING COMPREHENSION	LEVEL OF TESTING
Prose	Prose (general)
METHODOLOGY	LEVEL OF TESTING
<ol style="list-style-type: none"> 1. Aspects of language (English Language History, Nature, Importance, Principles of English as Second language and problems of Teaching / learning English) 2. Objectives of Teaching English 3. Development of language Skills (Listening, Speaking, Reading and Writing; Communicative Skills and Imparting values through Communication) 4. Approaches, Methods and Techniques of Teaching English (Introduction, Definition, Types of Approaches, Methods and Techniques of Teaching including Remedial Teaching) 5. Teaching of Structures, Vocabulary and Grammar 6. teaching Learning Materials in English 7. Lesson Planning 8. Curriculum and Textbooks - Importance and need 9. Evaluation in English Language 	DETAILED AND DEEP UNDERSTANDING WITH APPLICATION IN BRODER SENSE

PART - B

Maths Content (24Marks)

I .Day to Day Mathematics

Pre Mathematical concepts - Money & Time

II. Arithmetic

Ratio and Proportion - Applications of Ratio- Comparing Quantities using proportion -Direct and Inverse proportion

III. Number System

Numbers – four fundamental operations (addition, subtraction, multiplication & division)

Patterns in Numbers.

Knowing Our Numbers-Indian & international systems – Rounding of numbers- Whole Numbers - Playing With Numbers-divisibility rules-LCM & HCF -Integers - Fractions - Decimals -Rational Numbers -Squares, cubes, Square roots, Cube roots

IV. Geometry

SHAPES– PATTERNS - Basic geometrical ideas - Measures of Lines and Angles - Symmetry - Understanding 3D, 2D Shapes -Representing 3D in 2D-Lines and Angles -Triangle and Its Properties -Congruency of Triangles- -Quadrilaterals - Practical Geometry -Construction of Triangles - Construction of Quadrilaterals - Exploring Geometrical Figures

V. Mensuration

SPATIAL UNDERSTANDING -Length – Weight – capacity - Perimeter & Area of Plane Figures (triangle, square, rectangle, rhombus, circle, trapezium, parallelogram)

VI. Algebra

Introduction to Algebra- Simple Equations- - Algebraic Expressions - Exponents & Powers - Linear Equations in one variable - Factorization

VII. Statistics

DATA HANDLING - Frequency Distribution Tables and Graphs

Mathematics Methodology (D.El.Ed.) (06 Marks)

1. Nature and Definitions of Mathematics
2. Aims, values and instructional objectives of teaching Mathematics
3. Methods of Teaching & Remedial measures in Mathematics
4. Instructional Material, TLM and Resource Utilization in Mathematics
5. Curriculum, Text Book & Instructional Planning.
6. Evaluation and Continuous Comprehensive Evaluation

**Environmental Studies: -
Science:**

CONTENT (Marks: 12)

- 1. Living World** – Non Living and living organisms, life and its characteristics, Family, Members of the family, Changing family structure, Friends, Relations, Works, Games, Different games rules, Our Village, Mapping skills, Shelter, Things we make cloth, Travel, Find the way – direction, from village to Delhi, Public Institutions, House, Construction – Sanitation, Our laces, Our culture. Story of microbial world, Use full and harm full micro organisms. Materials, things, Air - Importance of air, composition of air, atmospheric pressure, and diseases spread through air and their prevention, air pollution - causes, its impact, and measures to prevent, Green House effect. Water - Importance, water resources, tanks, aquatic flora and fauna, measurement of liquids, Water pollution - causes, impact, measures to prevent, purification of water, drought, floods, Water cycle, Draught waste water Treatment. Weather, Climate, Soil our life, rain, floods, Cyclones, disaster management, Habitat, Movements in animals, Production of food from animals and plants, Agricultural operation, Cultivation of Craps, disease to plants and control, improvement of crop yield storage, Preservation and protection of food and plant products, Classification of living organisms, Branches of Sciences, Recent trends in Science, Hybridization, animal husbandry. Why do we fall ill?
- 2. Life processes** – Cell, cell organelles parts of plants and functions. Animals, different types of Animals, Animals base of our life, Our body parts, External, Internal parts of our body, Bones, Muscles, Sense organs, Organ systems in animals. Nutrition in plants and animals, excretion, respiration control and coordination, reproduction, seed dispersal in plants and control and coordination in organisms. Our food, food components, Nutritious food, Health, Cleanliness, Balanced diet, Malnutrition. Midday Meals, food preservation methods, Wastage of food, How we get food, green revolution, Nutrition of food, Food Pyramid, Junk food, First Aid. Heredity genes, variations.
- 3. Natural Phenomena** – Changes around us separation of substances, fiber to fabric synthetic fibers, Plastics metals and non metals, matter, Acids and bases. Motion and time, Energy, Forms of Energy - Energy resources, Renewable and non renewable resources, conservation of energy Temperature and its measurement. Electricity, Electric circuits, Current and its effects, Sound, reflection of light, Shadows, Playing with magnets, friction, force speed, velocity, combustion, fuels and flame. How to measure things, Coal, Petrol, Petroleum products.
- 4. Our Environment** - Bio diversity, Diversity in plants and animals, lets plants, trees, endangered, endemic species, Forest – Tribes – Tribal life – diversity in forests. Different Ecosystems, Ecology, Bio mass, A biotic, Biotic factors, Global Environmental Issues. Global warming, Acid rains, depletion of Ozone layer. Stars and Solar systems. River, Lively hood, Atmosphere – wind – safety measures – Historical sites – Our Country – World, Our constitution, Child rights.

Methodology: (3 Marks)

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

Environmental Studies: -
Social Studies
(Content 12 Marks):

Theme - I: Diversity on the Earth

Reading, Making and analysis of Maps – different kinds of maps. - Globe – A Model of the Earth - Land Forms of Andhra Pradesh Penamakuru ,A Village in the Krishna Delta - Salakamcheruvu, A Village on the Plateau - Kunavaram ,Tribal Villages on the Hills -Rain and Rivers-Tanks and Ground Water – Oceans and Fishing – Continents – Europe – Africa –Energy from the Sun - Earth Movements and Seasons - The Polar Regions - Forests:Using and Protecting them - Minerals and Mining

Theme - II: Production Exchange and Livelihoods

From Gathering Food to Growing food – The Earliest People - Agriculture in Our Times - Trade in Agricultural Produce - Trade in Agricultural Produce - Handicrafts and Handlooms - Industrial Revolution - Production in a Factory - A Paper Mill - Importance of Transport System – Safety measures - Money and Banking - Impact of Technology on Livelihoods - Public Health and the Government

Theme -III: Political Systems and Governance

Community Decision Making in a Tribe - Emergence of Kingdoms and Republics - First Empires - Democratic Government - Village Panchayats - Local Self – Government in Urban Areas - New Kings and Kingdoms - The Kakatiyas - Emergence of a Regional Kingdom - The Kings of Vijayanagara - Mughal Empire - Establishment of British Empire in India - Landlords and Tenants under the British and the Nizam - National Movement - The Early Phase 1885-1919 - National Movement - The Last Phase 1919-1947 - Freedom Movement in Hyderabad State - The Indian Constitution - Parliament and Central Government - Making of Laws in the State Assembly - Implementation of Laws in the District - Law and Justice.

Theme -IV: Social Organisation and Inequities

Diversity in Our Society - Towards Gender Equality -Caste Discrimination and the Struggle for Equalities - Livelihood and Struggles of Urban Workers - Abolition of Zamindari System - Understanding Poverty - Rights Approach to Development

Theme - V: Religion and Society

Religion and Society in Early Times - Devotion and Love towards God - Folk – Religion - Devotional Paths to the Divine - Social and Religious Reform Movements - Understanding Secularism

Theme -VI: Culture and Communication

Language, Writing and Great Books - Sculptures and Buildings - Rulers and Buildings - Performing Arts and Artistes in Modern Times - Film and Print Media - Sports: Nationalism and Commerce.

Methodology: 03 Marks

1. Nature and Scope of Social Studies
2. Aims, Objectives and Values of Teaching Social Studies
3. Methods of Teaching Social Studies
4. Resource Utilization, Content Enrichment material
5. Curriculum, Text Book and Instructional Planning
6. Evaluation and Continuous Comprehensive Evaluation