I. CHILD DEVELOPMENT AND PEDAGOGY (Marks: 30)

1. DEVELOPMENT OF CHILD
   - Development, Growth & Maturation – Concept & Nature
   - Principles of development
   - Factors influencing Development – Biological, Psychological, Sociological
   - Understanding Development – Piaget, Kohlberg, Chomsky, Carl Rogers
   - 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
   - Adjustment, Behavioural problems, Mental Health
   - Methods and Approaches of Child Development – 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
   - 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
   - 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
   - Distinction between Assessment for Learning & Assessment of Learning, School based Assessment, Continuous & Comprehensive Evaluation : Perspective & Practice
II. LANGUAGE – I Telugu (Marks: 30)

(A) సమాచార

1. (a) ఆంధ్రప్రదేశ్ నాగార్
   (b) ఆంధ్రప్రదేశ్ పట్టణం

2. నాగార్, నాగార్ పట్టణం, నాగార్ / పట్టణం.

3. కేంద్రం, కేంద్రం పట్టణం, కేంద్రం సాంస్కృతిక పట్టణం, కేంద్రం హోస్పటి, కేంద్రం కొండలు, కేంద్రం జిల్లాలు, కేంద్రం విధానసభలు, కేంద్రం రాష్ట్రాలు, కేంద్రం విశ్వవిద్యాలయాలు, కేంద్రం మంత్రిత్వం, కేంద్రం విషయాల కేంద్రం

4. నాగార్, నాగార్, సాంస్కృతిక పట్టణం, నాగార్, నాగార్, సాంస్కృతిక పట్టణం, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్, నాగార్.

(B) ఆంధ్రప్రదేశ్ తెలుగు

1. మామె - మామె మామె మామె.
2. మామె పట్టణం.
3. మామె పట్టణం - మామె పట్టణం.
4. మామె కేంద్రం-మామె కేంద్రం, మామె రాష్ట్రాలు, మామె సాంస్కృతిక పట్టణం.
5. మామె కేంద్రం పట్టణం, మామె కేంద్రం పట్టణం, మామె కేంద్రం పట్టణం.
6. మామె కేంద్రం - మామె పట్టణం.
II. LANGUAGE – I URDU (Marks: 30)

<table>
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<tr>
<th>Content</th>
</tr>
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<tbody>
<tr>
<td>(Comprehension)</td>
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<tr>
<td>Unseen passage (Prose)</td>
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<tr>
<td>Unseen passage (Poetry)</td>
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<tr>
<td>TOTAL MARKS: 30</td>
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<tr>
<td>Marks: 24</td>
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Methodology (B)

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<td>1</td>
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</table>

طريقة تدريس

(Comprehension)

| Unseen passage (Prose) |
| Unseen passage (Poetry) |
| TOTAL MARKS: 30 |
| Marks: 24 |

Methodology (B)

<table>
<thead>
<tr>
<th>uessatra: 6</th>
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<td>6</td>
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</tbody>
</table>
II. LANGUAGE – I  HINDI (Marks: 30)

(A) Content

9. अवकल (Comprehension)
    1. अपठित गद्य
    2. अपठित पद्ध

2. कथि, काव्य – रचनाकार (लेखक) रचनाएँ – विधाएँ

3. अकर्मक – सकर्मक क्रियाएँ
   वाक्य - वाक्य भेद, कर्तृ वाच्य, कर्मवाच्य, भाववाच्य. वाक्य और प्रयोग वाक्ये
   क्रम, घटना क्रम

4. वर्णमाला, शब्द भेद, वचन, लिंग, कारक, काल, विराम धिन्तन, संधि, समास,
   विलोम शब्द, समान अर्थ, भाषार्थ, मुहावरे, कहावते, लोकोक्तियाँ

(B) भाषा - शिक्षण - विधियाँ (Methodology)

9. भाषा का स्वरूप – भाषा की प्रकृति
    अर्थ - परिभाषा ध्वनि विज्ञान, शब्द, वाक्य विज्ञान, विभिन्न स्तरों पर हिन्दी
    शिक्षण के लक्ष्य और उद्देश्य प्रथम भाषा के रूप में हिन्दी, द्वितीय भाषा के रूप में
    हिन्दी त्रिभाषा - सूत्र

2. भाषा -कौशलों का विकास
    सुनना, बोलना, पढ़ना, लिखना

3. हिन्दी अध्यापक और शिक्षण - विधियाँ
    अच्छे शिक्षक और अच्छे शिक्षण की विशेषताएँ
    भाषा - शिक्षण के सामान्य शिक्षात, भाषा - शिक्षण की प्रणालियाँ
    भाषा - शिक्षण की पद्धतियाँ (प्रत्यक्ष, परस्क, खेल, मॉन्टेसरी. निदर्शित रवाध्याय,
    डालटन, प्रायोजन लिखना, प्रशासन, आयोजन, निगमन, क्रियात्मक, सूक्ष्म शिक्षण)

4. पाठ्यक्रम और सहायकी क्रियाएँ
    पाठ्यक्रम, पाठ्यपुस्तक, पुस्तकालय, दृश्य -अध्य उपकरण
    (शिक्षण उपकरण), भाषा की दृष्टि से उपयोगी सहायकी क्रियाएँ

5. शिक्षण और योजना
    आवश्यकता, उपयोगिता,
    इकाई योजना, पाठ्य योजना

6. मूल्यांकन
    मूल्यांकन की धारणा, निरंतर समग्र मूल्यांकन, उत्तम परीक्षा की विशेषताएँ,
    प्रश्न पत्र का निर्माण, उपलब्धि परीक्षा अभिलेख
II. LANGUAGE – I KANNADA (Marks: 30)

(A) Content

I. Comprehension (ವ್ಯಕ್తಿತ್ವ)

1. ವ್ಯಕ್ತಿತ್ವ
2. ವ್ಯಕ್ತಿತ್ವ

II. ವಿಶೇಷ, ಕನ್ನಡ / ವಿಶೇಷ, ಶಿಸ್ತು

III. ವಿಶೇಷ, ಶಿಸ್ತು / ವಿಶೇಷ, ಶಿಸ್ತು / ವಿಶೇಷ, ಶಿಸ್ತು / ವಿಶೇಷ, ಶಿಸ್ತು / ವಿಶೇಷ, ಶಿಸ್ತು

IV. ವಿಶೇಷ, ಶಿಸ್ತು / ವಿಶೇಷ, ಶಿಸ್ತು / ವಿಶೇಷ, ಶಿಸ್ತು / ವಿಶೇಷ, ಶಿಸ್ತು / ವಿಶೇಷ, ಶಿಸ್ತು

B. ಮೇಲೆಕೆಲೆಯಾದ ಚಟುವಟಿಕೆ (Methodology)

1. ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ : ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ

2. ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ : ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ

3. ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ : ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ

4. ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ : ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ

5. ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ : ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ

6. ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ : ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ, ವ್ಯಕ್ತಿ ಹಾಗು ವ್ಯಕ್ತಿತ್ವ,
II. LANGUAGE – I MARATHI (Marks: 30)
(A) Content

1. -आकलन (Comprehension):-
   a) अपठित गद्य
   b) अपठित पद्य

II -कथपरिचय, लेखक परिचय, चरित्रकार, 
   गद्य, पद्य विकिर प्रक्रिया

III -ग्रामीण ग्राम, योग्य तमन्न लिहिणे, आकाराच्याचे भाष्टर

IV -वर्णमाला, शब्दाच्या जाती (प्रकार), वचन, काठ, विभक्ती, विराम विन्द, संधी, सामास, विरुचारी, 
   समानार्थी, पर्यायवाची शब्द वाक्यप्रचार, म्हणून, अलंकार.

(B)Methodology

   (B)Methodology

I -भाषा - स्वरूप, वैमाणिक सूत्र, उदिष्टे

II -मातृभाषा - (इ) उदेश, उदिष्टे, (उ)भाषा कौशल्य

III -वचन, पद्य शिक्षणाची पद्धती (अध्ययन अध्ययनाचा पद्धती)

IV -अभासक्रम, वार्षिक नियोजन, घटक नियोजन, पाठ नियोजन

V -शैक्षणिक तंत्रज्ञान

VI -मुल्याकरण
II. LANGUAGE – I  ODIYA (Marks: 30)

(A) Content

i. Comprehension (গৃহীত)

1. গৃহীত খণ্ড (unknown passage)
2. গৃহীত কবির (unknown poem)

ii. দীর্ঘকালীন গুণিত/দীর্ঘকালীন, দীর্ঘকালীন/ জগৎ চরা নিম্ন

iii. রচয়িতা, রচনায় জীবন, জীবন, জীবন, হৃদ, হৃদ, মৃত, মৃত, জীবন, মৃত, জীবন, মৃত

iv. নাট্যালো, নাট্যালো, পুরাণ, পুরাণ, পুরাণ, পুরাণ, পুরাণ, পুরাণ, পুরাণ, পুরাণ, পুরাণ

B) সিদ্ধান্ত গৃহীত (Methodology)

গৃহীত-৩

৫-ঘর- দুই, দুই, দুই, দুই, দুই, দুই, দুই, দুই, দুই, দুই, দুই

৬-প্রকাশ সিদ্ধান্ত, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ

৭-প্রকাশ প্রকাশ- প্রকাশ, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ, প্রকাশ-প্রকাশ

৮- অতিথি অতিথি, অতিথি অতিথি, অতিথি অতিথি, অতিথি অতিথি, অতিথি অতিথি, অতিথি অতিথি, অতিথি অতিথি, অতিথি অতিথি

৯-বিশ্বাস বিশ্বাস, বিশ্বাস-বিশ্বাস, বিশ্বাস-বিশ্বাস, বিশ্বাস-বিশ্বাস, বিশ্বাস-বিশ্বাস, বিশ্বাস-বিশ্বাস, বিশ্বাস-বিশ্বাস, বিশ্বাস-বিশ্বাস
II. LANGUAGE – I SANSKRIT (Marks: 30)

(A) Content

1. अ) अपेक्षितगांधे ।
   अ) अपेक्षितशोकः ।

2. क्लेशः - कल्याणि / कल्याणिकसः - केवला कल्याणः
   प्रक्रियाः - अमृतं, नारदं, शुक्रं, शामिः, प्राणिका : अतिमानं, अतिज्वरं, अतुबुधः
   प्रणेत्रानं, प्रीतं । अनुवादः।

3. वास्तव परिवर्तनम् :-
   i) निम्नवचनविषयविख्रुतिपरिवर्तनम्
   ii) अतुवचनपरिवर्तनम्
   iii) कानपरिवर्तनम्
   iv) क्रियापरिवर्तनम्
   v) कंठिरि कठिनि वास्तवपरिवर्तनम्

वास्तवार्थोपलेयः - प्रक्रियां श्रीमद्वायान्याः वास्तवार्थोपलेयः
अवशाली श्रीमुखान्य वास्तवार्थोपलेयः
आध्यात्मिकविद्याः।

4. वास्तवार्थोपलेयः, भावारूपैन्यां वास्तव-स्थानानं, कथावशशिक्षाः

5. कथावशशिक्षाः, निम्नवचनविख्रुविख्रुचारणं, शुक्रं, भावं, अनुबंधं, समानं, साक्षां, सावधानं, परावधानं वापिसः, अत्यावधानं वापिसः, अनावधानमः [अप्रमेयम्], अनुप्रमेयम्, अतुवचन-परिवर्तनम्,
कथांवशशिक्षा परिवर्तनम्, अतुवचन-परिवर्तनम्।
II. LANGUAGE – I TAMIL (Marks: 30)

(A) Content

I. சிற்றியலியலைக் கற்றுக் கொள்ளவும் (பொருள்தியலாச்சாரத்து)

1. கலாண்டாறு பங்களி.
2. கலாண்டாறு தொன்புச்ச.

II. செய்திகள் , கம்பிவளிகள் / பண்பாட்டேசிகள், பல்லவிகள், (இலங்கை, தென்னிந்திய, காந்தி, காராஜ்)

III. விளக்கக் குறிகள், பல்லவிகள் மற்றும் எச்சரிக்கை வாக்குகள், தசாத்திகள், பிரான்கள், தமிழ்ப் பள்ளிகள், குன்றாட்சிகள், மூழக்கள், தமிழ்மலை அரசாடுகள், தமிழ்மலை அரசாடுகள் வழியாக்கியுள்ளன.

IV. அந்தந்திய, முல்லியல், துறைமுறை, பல்வேறு வகைகளைக், அந்தந்திய முன்னாண்டு, இணையங்கள், மலர்கள், காரணமராண்டு, நபர்களை வழியாக்கும் அரசாடு அமைப்புகள்.

(B) குறிப்பாடுகள் (சிற்றியலியலைக் கற்றுக் கொள்ளவும்)

I. இலங்கை நூற்றாண்டு, வெளியில் இலங்கை, வலயக் துறை.
இலங்கைப் புரிந்து.

II. நூற்றாண்டு: - வழக்கம், உள்ளிட்டுகள், முன்னம் முற்பகுதிகள்,

III. குறிப்பிட்டேறுள்ளது: - முறையே, வழக்கம், உள்ளிட்டுகள், வருகட்டுப் பாட்டு, வரணமறை.

IV. குறிப்பிட்டேறுள்ளது: - இலங்கைமான உள்ளிட்டுகள், முறையே இணையங்கள், இணையங்கள் வழியாக்கியுள்ளன, பல்வேறு வகைகளை வழியாக்கும் அரசாடு அமைப்புகள்.

V. முன்னாண்டு: - இலங்கையியல், முறையே இணையங்கள், பல்வேறு வகைகளை வழியாக்கியுள்ளார். இலங்கையில் உள்ளிட்டுகள், முன்னாண்டுகள், இணையங்கள் வழியாக்கும் அரசாடு அமைப்புகள், முன்னாண்டுகள், வழியாக்கும் அரசாடு அமைப்புகள், முன்னாண்டு வழியாக்கும் அரசாடு அமைப்புகள்.

VI. குறிப்பிட்டேறுள்ளது: - இலங்கையில் இரண்டாம்பாட்டு மறை முழுந்து மையம் வருகட்டு, முறையே இணையங்கள், முறையே இணையங்கள் வழியாக்கியுள்ளார், இணையங்கள் வழியாக்கியுள்ளார், முறையே இணையங்கள் வழியாக்கியுள்ளார், முறையே இணையங்கள் வழியாக்கியுள்ளார்.
III. LANGUAGE – II (ENGLISH) (Marks: 30)
CONTENT (Marks: 24)

PEDAGOGY (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. 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 of structures and vocabulary.
7. Teaching learning materials in English.
8. Lesson Planning.
10. Evaluation in English language.

IVa. MATHEMATICS & SCIENCE (Marks: 60)

MATHEMATICS - 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.M. 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 and frames
2. Arithmetic - Ratio and proportion, simple interest, compound interest, Time and distance, Discount, partnership, relative speed and angular speed
3. Sets - Concept of set, set language, empty set, finite and infinite sets, subset and equality of the set, Cartesian product of sets, cardinal number of set, set operations, representation of sets, Venn diagrams and their properties, Relations.
4. Algebra -Introduction to Algebra, expressions, exponents and powers, Factorization special products and expansions, linear equations and their graphs, system of inequations, polynomials.
5. Geometry - History of Geometry, Contribution of India in the Development of Geometry, Euclid Geometry, Lines & Angles, Properties of Circles, Triangles, Quadrilaterals and polygons, Parts of Circle : Construction of Circle, Triangles and Quadrilaterals, Circles and concurrent lines in triangles, Co-ordinate Geometry, Co-ordinates of a point, plotting of points, linking linear equations into variables (of the type ax+by+c=0 in the Cartisian coordination system), Linear equations with 2 variables, symmetry.
PEDAGOGY (Marks: 06)
1. Definition and Nature of Mathematics
2. Aims, values and instructional objectives of teaching Mathematics
3. Methods of Teaching Mathematics
4. Instructional material in Mathematics - TLM in Mathematics
5. Instructional Planning
6. Designing, Administration, Analysis of scholastic Achievement test (SAT)
7. The Mathematics Teacher
8. Resource Utilization
9. Curriculum and Text Book
10. Diagnostic and Remedial Teaching

SCIENCE - CONTENT (Marks: 24)
   - Fundamental and Derived units.
   - Measuring instruments – Scale, Tape, Vernier Calipers, Different types of clocks.
2. 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.
3. Our Universe: Constellation - Zodiac, Space travel; Solar system, Satellites, stars, comets; Earth- layers of earth.
4. Natural Phenomenon: Light: Rectilinear propagation of Light, Shadows, transparent and opaque materials; reflection, Laws of reflection, refraction, Reflection at spherical mirrors, refractive index of glass slab
   Sound: Sources of sound, Transmission of sound, Sound Pollution, Waves, Kinds of Waves, Wave Propagation, Musical instruments.
   Heat: Heat and Temperature, Measurement of Temperature and Thermometer, Change of State due to heat
   - Types of Motion; Speed, Velocity, Acceleration, Newton’s Laws of Motion, Friction, Momentum, Principals of Conservation, Centre of Gravity, State of Equilibrium.
   - Information and Communication Technology, Computers.
   - Action of heat on substances, Physical and Chemical changes, types of chemical changes
   - Preparation of Gases (Oxygen, Hydrogen, Carbon- Di-Oxide, Chlorine, Hydrogen Chloride)
   - Acids, Basis, Salt.
8. **Laws of Chemical Combination and Chemical Calculations**: Laws of chemical combination, Calculations based on chemical equations.

9. **Biology**: Its importance in everyday life, contribution of scientists, different branches.

10. **Living World – Characteristics**: Classification of Plants and Animals and their characteristics.

   a) **Cell**: Concept, Cell theory, differences between Plant cell and Animal cell, Cell division.

   b) **Tissues** – Animal tissues.

11. **Plant World – Types of plants**: Parts of a plant – their functions

    Reproduction – Asexual, Sexual, Vegetative propagation, Nutrition, Photosynthesis, Excretion, Respiration

    Economic importance of Plants, Agriculture, Crop diseases & pest control measure.

12. **Animal World**: Organ systems and their functions including man

    Digestive system, Respiratory system, Circulatory system, Excretory system, Nervous system, Reproductive system, Sense organs in man, Nutrition

    Deficiency diseases in man, First Aid

    Economic importance of Animals, Animal husbandry, Pisciculture, Sericulture.

13. **Microbes**: Bacteria, Viruses, Fungi, Protozoan

    – useful and harmful, microbial diseases in plants & animals

14. **Our Environment**: Biotic & Abiotic factors, Natural resources

15. **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 and Instructional Objectives of teaching Science
3. Method of Teaching Science
5. Instructional Planning
6. Science Laboratory
7. Science Teacher - Changing Roles
8. Science Curriculum and its transaction
10. Evaluation – CCE - Designing, Administration, Analysis, Scholastic Achievement Test (SAT)

**IVb. SOCIAL STUDIES (Marks: 60)**

**CONTENT (Marks: 48)**

**GEOGRAPHY**

1. **OUR EARTH**: Earth its origin, Realms of the earth, Land forms, Movements of the earth, their effects, Interior of the earth, Movements of the earth, Earth crust, Oceans, Elements of the Climate
2. **SOLAR SYSTEM**: The Solar System, Solar energy and Insolation, Latitudes, Longitudes, Eclipses
3. **CONTINENTS**: Asia, Africa, Europe, North America, South America


   **Antarctica**: Landscape, Climate, Natural Vegetation, Native Animal life, Mineral Wealth, Scientific Investigation


5. **MAPS – SCALE – CARDINAL POINTS – CONVENTIONAL SIGNS.**
HISTORY

1. STUDY OF PAST: Prehistoric Age: Indian History periods, Sources, Indian history, Culture.


Historical background: Growth and development of Early Cultures and Racial synthesis
Characteristic features of Indian History - Various Stages of Development

2. HARAPPA CULTURE AND ARYAN CIVILIZATION

Early and Later Vedic Civilization- Jainism- Buddhism

3. INDIA B.C 200-300 A.D: Andhra Satavahanas- Mouryan Empire- Sangam Age- Maghadha-Kushans Empire- Parsian, Greek invasion

4. MEDIEVAL PERIOD IN INDIA: 300 A.D - 800 A.D: Gupttha, Harshavardhana, Pallavas, Chalukyas, Indian Culture abroad, the Arab conquests of Sindh.
800 A.D-1300 A.D: Political developments, Rise of new dynasties, Administration of important dynasties
1206 A.D - 1526 A.D: Delhi Sultans, General conditions of Delhi Sultanate, Fall of Delhi Sultanate, Vijayanagara Empire, Bhakti movement, Development of National consciousness, Influence of Islam and Christianity
Advent of Mughals, Advent of Europeans
Fall of the Mughal Empire

5. INDIA AND THE MODERN WORLD

Trade and Colonization, Beginning of the Modern age in Europe, Outline history of world, Major developments and their impact on India

6. ESTABLISHMENT OF BRITISH RULE IN INDIA AND REVOLTS AGAINST BRITISH RULE - INDIA DURING 1858 – 1947: Political, Economic and Social Policies of British - British Policy towards Indian Princes British Policy towards neighboring countries, Changes in Economic and Social sectors
Agriculture, Famines in India between 1858 -1947, Transport facilities, Beginning of modern Industries, Rise of new classes in Indian society, Religious and social reform movements and Cultural awakening, Movements among Muslims for Social reforms


CIVICS

1. FAMILY AND COMMUNITY

2. INDIAN CONSTITUTION

Indian Constitution at work, salient features, Federal, Unitary State, Fundamental Rights & Duties, Directive Principles, National Integration, Unity in diversity

3. GOVERNMENT AT THE CENTRAL & STATE LEVEL

Legislative, Executive-Judiciary

4. LOCAL SELF GOVERNMENT: Local Self Govt. Institutions, Gram panchayat, Mandal Parishat, Zilla Parishat

Urban Self Government Institutions, Municipal Corporations, Municipalities

District Administration

5. DEMOCRACY: Democracy, Problems of Democracy, Presidential and Parliamentary Democracy, Election process, Role of Political parties, World Peace and Role of India, India’s Foreign Policy, Non-Alignment Policy, India’s United Nations Organization, Contemporary Issues of the World.
6. SOCIALISM & SECULARISM: Socialism in the Indian context, Secularism in the Indian context, India as a Nation, Challenging issue of our country.

7. INFORMATION AWARENESS

8. TRAFFIC EDUCATION

ECONOMICS
2. BASIC CONCEPTS OF ECONOMICS: Basic concepts of Economics, Basic aspects of Production, Forms of Business Organization, Problems of Distribution
3. EXCHANGE: Exchange, Concept of Market, Demand and Supply, Equilibrium Price

PEDAGOGY (Marks: 12)
2. Aims, Objectives and values of Teaching Social Studies.
4. Teaching, Learning Material and Resources.
5. Instructional Planning.
7. Social Studies Teacher.
8. Curriculum and Text Book
9. Disaster Management, Deforestation, Socio Economic Problems