

TEACHER ELIGIBILITY TEST JULY 2011

SYLLABUS

PAPER I

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
- Dimensions of Development and their interrelationships – Physical & Motor, Cognitive, Emotional, Social, Moral, Language relating to Infancy, early Childhood, late Child hood.
- 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, Behavioral 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 – 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
- 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
- Class room Management: Role of student, teacher, Leadership style of teacher, Creation of non-threatening learning environment, Managing behavior problems, Guidance & Counseling, 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.

BENGALI

(A) Content

Total Marks: 30

Marks: 24

I. অববোধি – (Comprehension)

1. অপঠিত গদ্য
2. অপঠিত পদ্য

II. কবি, কাব্য - রচনাকার (লেখক), রচনাবলী।

III. অকর্মক - সকর্মক, ক্রিয়া
বাক্য - বাক্য ভেদ, কর্তৃবাচ্য, কর্মবাচ্য, ভাববাচ্য,
বাক্য এবং প্রয়োগ, বাক্য ক্রমানুসার নিয়ম, ব্রটনা
ক্রমানুসার নিয়ম।

IV. বর্ণমালা, শব্দভেদ, বচন, লিঙ্গ, কারক, কাল, বিরামচিহ্ন,
সন্ধি, সম্মাত্র, বিপরীত শব্দ, সম্মাত্রি শব্দ, উন্ন-অর্থ
শব্দ, বাগ্মীরা, লোকোক্তি।

(B) ভাষা শিক্ষন-বিধি (Methodology)

I. ভাষার স্বরূপ - ভাষার প্রকৃতি :- অংক-6
অর্থ - পারিভাষা, ঐনি বিজ্ঞান, শব্দ-বাক্যবিজ্ঞান,
বিভিন্ন স্তরে বাংলা শিক্ষনের নক্ষ্য ও উদ্দেশ্য।

2. ভাষা - কৌশলের বিকাশ :-
শোনা, বলা, পড়া, লেখা (L S R W)

3. বাংলা শিক্ষক ও শিক্ষক-বিধি-
 উত্তম শিক্ষক ও উত্তম শিক্ষকের বিশেষত্ব
 ভাষা শিক্ষার সামান্য সিদ্ধান্ত
 ভাষা শিক্ষার প্রণালী
 ভাষা-শিক্ষণ পদ্ধতি (প্রত্যক্ষ, পরোক্ষ, মেলা,
 মর্মেশ্বরী শিক্ষা পদ্ধতি, নির্দেশিত অধ্যয়ন, ডাল্টন
 পদ্ধতি, আবশ্যিকতা, প্রশ্নাবলী, আগমন, নিজমন
 ক্রিয়াক্রম, সুপ্ত শিক্ষণ।
4. পাঠ্যক্রম ও সহকারী ক্রিয়া :-
 পাঠ্যক্রম, পাঠ্যপুস্তক, পুস্তকানয়ন, দৃশ্য, শ্রবণ উপকরণ
 (শিক্ষণ উপকরণ), ভাষার দৃষ্টিতে উপযোগী সহকারী ক্রিয়া
5. শিক্ষণ ও সোচনা :-
 আবশ্যিকতা, উপযোগিতা।
 প্রকক সোচনা, পাঠ্য সোচনা।
6. মূল্যায়ন :- মূল্যায়নের ধারণা, নিরন্তর সমগ্র মূল্যায়ন।
 উত্তম পরিষ্কার বিশেষত্ব, প্রকক পদের নির্ধারন,
 উপনর্ষি পরিষ্কার অভিলেখ।

III. LANGUAGE – II (ENGLISH) (Marks: 30)

CONTENT (Marks: 24)

1. Parts of Speech
2. Tenses
3. Types of Sentences
4. Prepositions & Articles
5. Degrees of Comparison
6. Direct and Indirect Speech
7. Questions and question tags,
8. Active & Passive voice
9. Use of Phrases
10. Comprehension
11. Composition
12. Vocabulary.

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
4. Development of Language skills:- a Listening, Speaking, Reading & Writing (LSRW).
b) Communicative skills.
1. Approaches, Methods, Techniques of teaching English.
(a) Introduction, Definition and Types of approaches methods and techniques of teaching English (b) Remedial teaching.
6. Teaching of structures and vocabulary items.
7. Teaching learning materials in English
8. Lesson Planning
9. Curriculum & Textbooks
10. Evaluation in English language

IV. MATHEMATICS (Marks: 30)

CONTENT (Marks: 24)

1. **Number system:** Whole 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 Multiple (GCM).
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), Square, Square root, Cube, Cube root, and factorization.
3. **Arithmetic:** Unitary method, Ratio & Proportion, percentages, average, profit – loss.
4. **Geometry:** Rotation, Types of Angles, Construction and measurement of Angles, line, axis, shapes, reflection and symmetry.
5. **Measurements:** Length, Weight, Capacity, Time, Perimeter and Area, their standard units and relation between them.
6. **Data Applications:** Introduction to Data, data presentation, Bar graph.

PEDAGOGY (Marks: 06)

1. Definitions 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

V. ENVIRONMENTAL STUDIES (Marks: 30)

CONTENT (Marks: 24)

Our Body – Health – Cleanliness - External, Internal parts of our body, Bones, Muscles, Sense organs, Digestion, Respiration, Nervous system, Excretory system, Circulatory system, First Aid.

My Family - My Family – Family tree, migration, changing structures of family – nuclear and joint families, festivals.

Work & Play - Occupations, Child labor, Games – Local, National and International, Marshal Arts, Effects of games on respiration and breathing, fairs, Circus.

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.

Our Food - Different types of food, storage of grains and vegetables, storage of food, Food – animal husbandry, Nutrients of food, deficiency diseases.

Shelter - Need, different types of houses, electrical appliances - their use, social life in ants and honey bees, Animals shelter – variation.

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.

Water - Importance, water resources, aquatic flora and fauna, measurement of liquids, Water pollution - causes, impact, measures to prevent, purification of water.

Earth and Sky - Latitudes and longitudes, movements of earth, local time, Standard time, temperature, atmosphere, rainfall. Interiors of the earth.

Our country (India) - Location, Area, Physical features, Climate, Natural resources, Historical places in India, Population, Minerals, Industries.

Our state (Andhra Pradesh) - Location, Physical features, Climate, crops, clothes, food, Culture, State Government, Gram Panchayat, Mandal Parishad, Municipality, Municipal Corporation, Local Emergency services, our state symbols.

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.

Indian constitution - Fundamental rights, Fundamental duties, Directive principles, Structure of Government in India, India - National objectives, National symbols, Right to Information (RTI),

U.N.O.

PEDAGOGY (Marks: 06)

1. Concept and scope of Environmental Studies (Science & Social Studies)
2. Aims & Objectives of teaching Environmental Studies (Science & Social Studies)
3. Relation to Science and Social Studies
4. Curriculum and its transaction
5. CCE
6. Learning Environment