

CTET Syllabus STRUCTURE AND CONTENT OF SYLLABUS (Paper I and Paper II)

Paper I (for classes I to V) Primary Stage I. Child Development and Pedagogy 30

Questions a) Child Development (Primary School Child) 15 Questions • Concept of development and its relationship with learning • Principles of the development of children • Influence of Heredity & Environment • Socialization processes: Social world & children (Teacher, Parents, Peers) • Piaget, Kohlberg and Vygotsky: constructs and critical perspectives • Concepts of child-centered and progressive education • Critical perspective of the construct of Intelligence • Multi Dimensional Intelligence • Language & Thought • Gender as a social construct; gender roles, gender-bias and educational practice • Individual differences among learners, understanding differences based on diversity of language, caste, gender, community, religion etc. • Distinction between Assessment for learning and assessment of learning; School-Based Assessment, Continuous & Comprehensive Evaluation: perspective and practice • Formulating appropriate questions for assessing readiness levels of learners; for enhancing learning and critical thinking in the classroom and for assessing learner achievement. b) Concept of Inclusive education and understanding children with special needs 5 Questions • Addressing learners from diverse backgrounds including disadvantaged and deprived • Addressing the needs of children with learning difficulties, ‘impairment’ etc • Addressing the Talented, Creative, Specially abled Learners c) Learning and Pedagogy 10 Questions • How children think and learn; how and why children ‘fail’ to achieve success in school performance • Basic processes of teaching and learning; children’s strategies of learning; learning as a social activity; social context of learning. • Child as a problem solver and a ‘scientific investigator’ • Alternative conceptions of learning in children; understanding

children's 'errors' as significant steps in the learning process. • Cognition & Emotions • Motivation and learning • Factors contributing to learning- personal & environmental II. Language 30 Questions a) Language Comprehension 15 Questions Reading unseen passages- two passages one prose or drama and one poem with questions on comprehension, inference, grammar and verbal ability (Prose passage may be literary, scientific, narrative or discursive) b) Pedagogy of Language Development 15 Questions • Learning and acquisition • Principles of language Teaching • Role of listening and speaking; function of language and how children use it as a tool • Critical perspective on the role of grammar in learning a language for communicating ideas verbally and in written form • Challenges of teaching language in a diverse classroom; language difficulties, errors and disorders • Language Skills • Evaluating language comprehension and proficiency: speaking, listening, reading and writing • Teaching-learning materials: Textbook, multi-media materials, multilingual resource of the classroom • Remedial Teaching III. Language- II 30 Questions a) Comprehension 15 Questions Two unseen prose passages (discursive or literary or narrative or scientific) with questions on comprehension, grammar and verbal ability b) Pedagogy of Language Development 15 Questions • Learning and acquisition • Principles of language Teaching • Role of listening and speaking; function of language and how children use it as a tool • Critical perspective on the role of grammar in learning a language for communicating ideas verbally and in written form; • Challenges of teaching language in a diverse classroom; language difficulties, errors and disorders • Language Skills • Evaluating language comprehension and proficiency: speaking, listening, reading and writing • Teaching-learning materials: Textbook, multi-media materials, multilingual resource of the

classroom • Remedial Teaching • Geometry • Shapes & Spatial Understanding • Solids around Us • Numbers • Addition and Subtraction • Multiplication • Division • Measurement • Weight • Time • Volume • Data Handling • Patterns • Money b) Pedagogical issues 15 Questions • Nature of Mathematics/Logical thinking; understanding children's thinking and reasoning patterns and strategies of making meaning and learning • Place of Mathematics in Curriculum • Language of Mathematics • Community Mathematics IV. Mathematics a) Content • Evaluation through formal and informal methods • Problems of Teaching • Error analysis and related aspects of learning and teaching • Diagnostic and Remedial Teaching V.Environmental Studies a) Content 1. Family and Friends: 1.1 Relationships; 1.2 Work and Play; 1.3 Animals; 1.4 Plants 2. Food 3. Shelter 4. Water 5. Travel 6. Things We Make and Do b) Pedagogical Issues • Concept and scope of EVS • Significance of EVS, integrated EVS • Environmental Studies & Environmental Education • learning Principles • Scope & relation to Science & Social Science • Approaches of presenting concepts • Activities • Experimentation/Practical Work • Discussion • CCE • Teaching material/Aids • Problems 30 Questions 15 Questions 15 Questions Paper II (for classes VI to VIII) Elementary Stage I. Child Development and Pedagogy 30 Questions a) Child Development (Elementary School Child) 15 Questions • Concept of development and its relationship with learning • Principles of the development of children • Influence of Heredity & Environment • Socialization processes: Social world & children (Teacher, Parents, Peers) • Piaget, Kohlberg and Vygotsky: constructs and critical perspectives • Concepts of child-centered and progressive education • Critical perspective of the construct of Intelligence • Multi Dimensional Intelligence • Language & Thought • Gender as a social construct;

gender roles, gender-bias and educational practice • Individual differences among learners, understanding differences based on diversity of language, caste, gender, community, religion etc. • Distinction between Assessment for learning and assessment of learning; School-Based Assessment, Continuous & Comprehensive Evaluation: perspective and practice • Formulating appropriate questions for assessing readiness levels of learners; for enhancing learning and critical thinking in the classroom and for assessing learner achievement. b) Concept of Inclusive education and understanding children with special needs 5 Questions • Addressing learners from diverse backgrounds including disadvantaged and deprived • Addressing the needs of children with learning difficulties, ‘impairment’ etc • Addressing the Talented, Creative, Specially abled Learners c) Learning and Pedagogy 10 Questions • How children think and learn; how and why children ‘fail’ to achieve success in school performance • Basic processes of teaching and learning; children’s strategies of learning; learning as a social activity; social context of learning. • Child as a problem solver and a ‘scientific investigator’ • Alternative conceptions of learning in children; understanding children’s ‘errors’ as significant steps in the learning process. • Cognition & Emotions • Motivation and learning • Factors contributing to learning- personal & environmental II. Language I. 30 Questions a) Language Comprehension 15 Questions Reading unseen passages- two passages one prose or drama and one poem with questions on comprehension, inference, grammar and verbal ability (Prose passage may be literary, scientific, narrative or discursive) b) Pedagogy of Language Development 15 Questions • Learning and acquisition • Principles of language Teaching • Role of listening and speaking; function of language and how children use it as a tool • Critical perspective on the role of grammar

in learning a language for communicating ideas verbally and in written form; • Challenges of teaching language in a diverse classroom; language difficulties, errors and disorders • Language Skills • Evaluating language comprehension and proficiency: speaking, listening, reading and writing • Teaching-learning materials: Textbook, multi-media materials, multilingual resource of the classroom • Remedial Teaching III. Language- II 30 Questions a) Comprehension 15 Questions Two unseen prose passages (discursive or literary or narrative or scientific) with questions on comprehension, grammar and verbal ability b) Pedagogy of Language Development 15 Questions • Learning and acquisition • Principles of language Teaching • Role of listening and speaking; function of language and how children use it as a tool • Critical perspective on the role of grammar in learning a language for communicating ideas verbally and in written form; • Challenges of teaching language in a diverse classroom; language difficulties, errors and disorders • Language Skills • Evaluating language comprehension and proficiency: speaking, listening, reading and writing • Teaching-learning materials: Textbook, multi-media materials, multilingual resource of the classroom • Remedial Teaching IV. (A) Mathematics and Science: 60 Questions (i) Mathematics 30 Questions a) Content 20 Questions • Number System ■ Knowing our Numbers ■ Playing with Numbers ■ Whole Numbers ■ Negative Numbers and Integers ■ Fractions Algebra ■ Introduction to Algebra ■ Ratio and Proportion Geometry ■ Basic geometrical ideas (2-D) ■ Understanding Elementary Shapes (2-D and 3-D) ■ Symmetry: (reflection) ■ Constructions (using Straight edge Scale, protractor, compasses) Mensuration Data handling b) Pedagogical issues 10 Questions • Nature of Mathematics/Logical thinking • Place of Mathematics in Curriculum • Language of Mathematics • Community

Mathematics • Evaluation • Remedial Teaching • Problems of Teaching (ii) Science 30 Questions a) Content 20 Questions I Food • Sources of food • Components of food • Cleaning food II. Materials • Materials of daily use III. The World of the Living IV. Moving Things People and Ideas V. How things work • Electric current and circuits • Magnets VI. Natural Phenomena VII. Natural Resources b) Pedagogical issues 10 Questions • Nature & Structure of Sciences • Natural Science/Aims & objectives • Understanding & Appreciating Science • Approaches/Integrated Approach • Observation/Experiment/Discovery(Method of Science) • Innovation • Text Material/Aids • Evaluation- cognitive/psychomotor/affective • Problems • Remedial Teaching V. Social Studies/ Social Sciences 60 Questions a) Content 40 Questions (i) History • When, Where and How • The Earliest Societies • The First Farmers and Herders • The First Cities • Early States • New Ideas • The First Empire • Contacts with Distant lands • Political Developments • Culture and Science • New Kings and Kingdoms • Sultans of Delhi • Architecture • Creation of an Empire • Social Change • Regional Cultures • The Establishment of Company Power • Rural Life and Society • Colonialism and Tribal Societies • The Revolt of 1857-58 • Women and reform • Challenging the Caste System • The Nationalist Movement • India After Independence (ii) Geography • Geography as a social study and as a science • Planet: Earth in the solar system • Globe • Environment in its totality: natural and human environment. • Air • Water • Human Environment: settlement, transport and communication. • Resources: Types- Natural and Human • Agriculture (iii) Social and Political Life • Diversity • Government • Local Government • Making a Living • Democracy • State Government • Understanding Media • Unpacking Gender • The Constitution • Parliamentary Government • The Judiciary •

Social Justice and the Marginalised c) Pedagogical issues 20 Questions • Concept & Nature of Social Science/Social Studies • Class Room Processes, activities and discourse • Developing Critical thinking • Enquiry/Empirical Evidence • Problems of teaching Social Science/Social Studies • Sources – Primary & secondary • Projects Work • Evaluation