**JAC TET Level 1 Exam Syllabus**

**Child Development and Pedagogy**

* Understanding diverse learners.
* Personality.
* Adjustment.
* Action Research.
* Theories of learning and its implication.
* How Children learn and think.
* Motivation and Implications for Learning.
* Individual Differences.
* Teaching learning process.
* Intelligence.
* Child Development.
* Learning Difficulties.
* Meaning and Concept of learning and its processes.
* The Role of Heredity and environment.
* Meaning and purposes of Assessment.
* Factors Affecting Learning.
* Right to Education Act 2009.

**Language – I**

* Teaching Learning Materials.
* Principles of Teaching English.
* Framing Questions Including Wh-questions.
* Unseen Prose Passage.
* Comprehensive & Continuous Evaluation.
* Development of Language Skills, Teaching Learning Materials.
* Unseen Prose Passage.

**Language – II**

* Basic knowledge of English Sounds and their Phonetic Transcription.
* Principles of Teaching English, Communicative Approach to English Language Teaching, Challenges of Teaching English.
* Modal Auxiliaries, Phrasal Verbs and Idioms, Literary Terms.
* Unseen Prose Passage.
* Unseen Poem.

**Mathematics:**

* Division.
* Volume.
* Numbers.
* Addition and Subtraction.
* Multiplication.
* Geometry.
* Measurement.
* Weight.
* Time.
* Shapes & Spatial Understanding.
* Pedagogical issue.
* Data Handling.
* Money.
* LCM & HCF.
* Patterns.
* Decimal Fractions.

**Environmental Studies**

* Water .
* Clothes dresses & their care.
* Natural Resources.
* Our Punjab.
* Solar System.
* Basic needs.
* Food, resources and care.
* Our Surroundings.
* Air.
* Habitats, types.
* Parts of Body (internal & external).
* Festivals (school, family & national).
* Group songs.
* Health, good habits & personal hygiene.
* Living and nonliving.
* Looking at the trees, plants & animals.
* Parts of plants.
* Disposal of solid waste.
* Days and Nights.
* Geographical features and changes.
* Transportation, communication and its development.
* Local Bodies (Rural & Urban).
* Pollution.
* Community Buildings.
* Weather & climate.
* National property.
* Disaster management.
* First Aid.
* Diseases.

**Jharkhand TET Syllabus for Level – II**

**Mathematics:**

* Compound Interest Discount.
* Algebra.
* Playing with Numbers.
* Whole Numbers.
* Negative Numbers and Integers.
* Fractions Exponents; surds, squares, cube, square root.
* cube root Profit & Loss.
* Number System.
* Knowing our Numbers.
* Ratio and Proportion.
* Introduction to Algebra; Algebraic identities, polynomials.
* Geometry.
* Understanding Elementary Shapes (2-D and 3-D).
* Basic geometrical ideas (2-D).
* Symmetry: (reflection).
* Data handling, statistics.
* Constructions (using Straight edge Scale, protractor, compasses).
* Mensurations; circle, sphere, cone, cylinder, triangles.
* Quadrilateral.

**Science:**

* The structure of Atom.
* Molecule.
* Metals & Nonmetals.
* Cleaning food.
* Materials.
* Moving Things People and Ideas.
* Air.
* Water.
* Carbon.
* Food.
* Sources of food.
* Compounds.
* Components of food.
* Change of matter.
* Soil.
* Food; production & management.
* The World of the Living organisms, microorganism and diseases.
* Acids, base, salt.
* Materials of daily use.
* Effect of population growth & human activities in the environment.
* Motion.
* Force.
* The Universe.
* Work & Energy.
* Natural Phenomena.
* Magnets & magnetism.
* Electric current and circuits.
* Pedagogical issues.
* Light.
* Natural Resources.
* Pollution.
* Environmental concerns; regional & national.
* Sources of energy.
* Soun.

**TET Syllabus Social Studies/ Social Sciences:**

**History**

* Architecture.
* Creation of an Empire.
* The First Cities.
* The Early States.
* New Ideas.
* The First Empire.
* Contacts with Distant lands.
* Political Developments.
* Culture and Science.
* New Kings and Kingdoms.
* Sultans of Delhi.
* Regional Cultures.
* India After Independence.
* Social Change.
* The Earliest Societies.
* The Nationalist Movement.
* The Revolt of 1857-58.
* Colonialism and Tribal Societies.
* Rural Life and Society.
* Women and reform.
* Challenging the Caste System.
* The Establishment of Company Power.
* The First Farmers and Herders.

**Geography:**

* The environment in its totality: natural and human environment.
* Resources: Types- Natural and Human.
* Globe.
* Geography as a social study and as a science.
* Air.
* Water.
* Human Environment: settlement, transport and communication.
* Planet: Earth in the solar system.
* Agriculture.

**Social and Political Life (Civics):**

* Unpacking Gender.
* Social Justice and the Marginalised.
* Local Government.
* Making a Living.
* Democracy.
* State Government.
* Understanding Media.
* Diversity.
* Pedagogical issues.
* Parliamentary Government.
* The Judiciary.
* Government.
* The Constitution.