TOPICS/CURRICULUM FOR THE POSTS OF TGTs

Questions relating to subject specific (relating to post)-75 Questions

*Note: Difficulty level of questions relating to subject specific will be as per essential qualification prescribed for the post as mentioned in Advertisement (Pt. No. iii) under Mode of Selection and Scheme of examination*

1. Name of the post: TGT (Science- Medical)

Zoology:


Botany:


Chemistry:

Atomic Structure, Chemical Bonding, Periodic Properties of elements- Chemistry of Coordination Compounds, Acids and Bases, Oxidation & Reduction, Non aqueous solvents, Metal – Ligand Bonding in Transition Metal Complexes, Thermodynamic and Kinetic Aspects of Metal Complexes Chemistry, Bioinorganic Chemistry, Silicones and Phosphazenes.

2. **Name of the post: TGT (Science- Non-Medical)**

**Physics:**


**Chemistry:**

Atomic Structure, Chemical Bonding, Periodic Properties of elements- Chemistry of Coordination Compounds, Acids and Bases, Oxidation & Reduction, Non aqueous solvents, Metal – Ligand Bonding in Transition Metal Complexes, Thermodynamic and Kinetic Aspects of Metal Complexes Chemistry, Bioinorganic Chemistry, Silicones and Phosphazenes,


**Mathematics:**

Number system, Mensuration, Geometry, Coordinate Geometry, Statistics, Probability, Trigonometry, Matrices, Sets and Function, Algebra, Relations and functions, Mathematical Reasoning, Trigonometric Functions, Calculus, Vectors and three dimensional Geometry, Linear Programming (Difficulty level will be up to Graduation Level)

3. **Name of the post: TGT (Mathematics)**

Number system, Mensuration, Geometry, Coordinate Geometry, Statistics, Probability, Trigonometry, Matrices, Sets and Function, Algebra, Relations and functions, Mathematical Reasoning, Trigonometric Functions, Calculus, Vectors and three dimensional Geometry, Linear Programming (Difficulty level will be up to Graduation Level)

4. **Name of the post: TGT (English)**
English Elective:

I. Reading Comprehension (Unseen Passage)

II. Composition
Paragraph Writing, Essay Writing, Note making, Precis Writing, Letter writing, Report writing

III. Grammar and Vocabulary
Voice, Narration, Preposition, Conjunctions, Synonyms, Antonyms, Translation from Vernacular to English, Punctuation, Transformation of Sentences, Corrections, Idioms and Phrases, One Word Substitution, Articles, Use of Words/Phrases in Sentences, Use of same words as different parts of Speech, Identifying Figures of Speech, Complete the incomplete Sentences, Pairs of Words to be Used in Sentences, One word for many and use in sentence, Change the form of Nouns/Verbs/Adjectives and make sentences, Determiners, Modals

IV Literature

1. Description of various Literary Terms and Concepts
2. Shakespeare’s Works
3. Major Works of Poets of Classicism, Romantic and Victorian Periods (e.g. Thomas Hardy, Mathew Arnold, Robert Browning, Tennyson, John Keats, William Wordsworth, William Blake, Thomas Gray, John Donne, Alexander Pope etc.)
4. Major works of 19th and 20th Century American and English Literature (e.g. Philip Larkin, Robert Frost, Hemingway, Ted Hudes, Whitman, Hawthorne, Emily Dickinson, Bernard Shaw, T. S. Eliot, W. B. Yeats, Hopkins etc.)
5. Indian Writing in English (e.g. R.K. Narayan, Anita Desai, Vikram Seth, Nissim Ezekiel, K.N. Daruwalla, Ruskin Bond, Mulk Raj Anand, Khushwant Singh, Ramanujan etc.)
6. Modern Writing in English from Different parts of the world

5. Name of the post: TGT (Hindi)
हिन्दी साहित्य का इतिहास
आदिकाल, भक्ति काल, राजस्थान, आधुनिक काल
हिन्दी गद्य का विकास, गद्य विधाओं,
हिन्दी भाषा का उद्भव और विकास
भारतीय काव्यशास्त्र और पाश्चात्य काव्यशास्त्र
6. Name of the post: TGT (Punjabi)

Name of the post: TGT (Social science)

History:
Major Sources of History, Foundation of British Rule, The Uprising of 1857, Socio
Religious Reform Movements, Contribution of Jyotiba Phule, Dr. B.R. Ambedkar
and Mahatma Gandhi, Growth of Political Consciousness, Rise of Communal


Geography:
Nature & Scope of Geography, Physical Geography (Geomorphology, Climatology, Oceanography) and Human Geography, India in the context of South Asia, World Regional Geography.

Political Science:

Economics:

Indian Economy: Features and Characteristics of Indian Economy, Role of MNCs in India. Planning, Major Indian Economic Problems.

Sociology:

Psychology:
Nature, Goals and Branches of Psychology, Growth and Development, Concept and types of Emotions, Emotional Intelligence, Theories of Motivation, Personality, Psychoanalytics, Cognitive Development, Intelligence, Learning Concept, Memory Sensory Register, Creativity.

Clinical Psychology: Nature and Criteria of abnormality, Causes of Abnormal Behaviour, Stress and types of Stressors, coping Strategies, Behavioural Disorders, Anxiety Based Disorders, Psychotherapies,


**Public Administration:**

Meaning, Nature, Scope and Significance of Public Administration, Organization and its forms, Principles of Organization, Features of Indian Administration, Union Executive, Union Legislature, State Executive, State-Legislature, Union and State Judiciary, Control over Administration, The 73rd and 74th Constitutional Amendment, India as a Welfare State, Planning Machinery in India, Role of Public Enterprises, Concept of Privatisation and, Role of Ministries and State Administration.