

BPSC TRE-4.0 2026

Secondary Teacher – Classes 9–10

DETAILED TOPIC-WISE SYLLABUS & PREPARATION BREAKDOWN

Secondary-level paper: 30 + 40 + 80 structure. Subject options are broader and include languages, Science, Mathematics, Social Science and specialist areas such as Fine Arts, Dance, Physical Education and Music.

Exam Pattern / Paper Structure

Part	Component	Questions / Marks
Part-I	Language (Qualifying)	30 / 30
Part-II	General Studies	40 / 40
Part-III	Concerned Subject	80 / 80
Total	—	150 / 150

Part-I / Language

English

- Reading comprehension: factual, literary and discursive passages; main idea, inference, tone, vocabulary and contextual meaning.
- Parts of speech: nouns, pronouns, adjectives, verbs, adverbs, prepositions, conjunctions and interjections.
- Tenses, subject-verb agreement, articles, determiners, modals, auxiliaries and question forms.
- Active/passive voice, direct/indirect speech, sentence transformation, clauses and degrees of comparison.
- Vocabulary: synonyms, antonyms, homonyms, one-word substitutions, idioms and phrases.
- Sentence correction, error detection, fill in the blanks, rearrangement, cloze tests and spelling/usage.
- Basic functional writing and sentence formation.

Hindi / Urdu / Bengali (applicable language option)

- Reading comprehension and interpretation of prose and poetry.
- Grammar: nouns, pronouns, adjectives, verbs, adverbs, conjunctions, prepositions and sentence structure.
- Gender, number, case, tense, voice, sentence correction and common usage.
- Sandhi, Samasa, prefixes/suffixes or their language-specific equivalents where applicable.
- Vocabulary: synonyms, antonyms, homonyms, idioms, proverbs and contextual meanings.
- Spelling, error correction, sentence transformation, fill-in-the-blanks and language usage.
- Basic literature awareness and prescribed school-level prose/poetry where applicable.

Part-II / General Studies

Elementary Mathematics

- Number system: natural numbers, whole numbers, integers, rational numbers, fractions, decimals, place value, divisibility rules, factors and multiples, HCF and LCM.
- Simplification and approximation: BODMAS, fractions/decimals, squares, cubes, square roots and estimation.
- Ratio and proportion: equivalent ratios, direct proportion, inverse proportion, unitary method and applications.
- Percentage: conversion between fractions/decimals/percentages, percentage increase/decrease, successive changes and applications.
- Profit, loss and discount: cost price, selling price, marked price, discount, profit/loss percentage and successive discounts.
- Interest: simple interest, compound interest, amount, principal, rate, time and basic applications.
- Average: arithmetic mean, weighted/basic averages and age-based applications.
- Time and work: work efficiency, combined work, wages, pipes and cisterns.
- Time, speed and distance: basic speed, average speed, relative speed, trains, boats and streams.
- Algebra: algebraic expressions, identities, linear equations, simple simultaneous equations, powers and exponents.
- Geometry: lines, angles, triangles, congruence, similarity, quadrilaterals, polygons, circles and basic constructions.
- Mensuration: perimeter, area, surface area and volume of common 2D/3D figures.
- Data handling: tables, pictographs, bar graphs, line graphs, pie charts, mean, median, mode and basic probability.

Mental Ability Test

- Analogy: word, number, alphabet and figure analogies.
- Classification: odd-one-out based on words, numbers, letters and figures.
- Series: number, alphabet, mixed and pattern series; missing-term questions.
- Coding-decoding: letter coding, number coding, substitution and pattern coding.
- Blood relations: family trees, coded relations and generation-based questions.
- Direction sense: compass directions, turns, distance and route tracing.
- Ranking and ordering: position, age, height, marks and comparison problems.
- Syllogism: statements, conclusions, logical deduction and basic Venn-diagram representation.
- Venn diagrams, calendars, clocks, missing numbers, simple puzzles and non-verbal reasoning.

General Awareness

- India and neighbouring countries: geography, history, capitals, currencies, important institutions and major bilateral/regional developments.
- Current affairs: national and international events, government schemes, appointments, awards, books and authors, reports, summits, important days and recent developments.
- Indian history and culture: ancient, medieval and modern periods; art, literature, heritage, festivals and important personalities.
- Indian polity: Constitution, Preamble, Fundamental Rights, Fundamental Duties, Directive Principles, Parliament, President, Prime Minister, judiciary, elections, federalism and local government.
- Indian economy: basic concepts, sectors, banking, inflation, taxation, budget, development indicators, poverty, unemployment and major welfare schemes.
- Sports: major tournaments, trophies, players, records and sports-related current affairs.
- Environment and ecology: biodiversity, conservation, pollution, climate change, sustainable development and environmental institutions.

General Science

- Physics: measurement, units, motion, force, work, energy, power, gravitation, pressure, heat, temperature, sound, light, reflection, refraction, electricity and magnetism.
- Chemistry: matter, physical/chemical changes, atoms, molecules, atomic structure, elements, compounds, mixtures, periodic classification, chemical reactions, acids, bases, salts, metals, non-metals and carbon compounds.
- Biology: cell, tissues, plants, animals, nutrition, respiration, transportation, reproduction, heredity basics, microorganisms, human body systems, health, diseases and immunity.

- Environment: ecosystem, food chain, food web, natural resources, pollution, conservation, biodiversity and climate change.

Social Science

- History: ancient India, medieval India, colonial India, major dynasties, social and cultural developments and the freedom movement.
- Civics: democracy, institutions, elections, rights, Constitution, federalism, local government and citizen participation.
- Economics: sectors of the economy, poverty, unemployment, money and credit, development, public facilities, markets and sustainable development.
- Social issues: diversity, inequality, gender, education, health, livelihoods, population and social change.

Geography and Environment

- Solar system: Sun, planets, satellites, Earth and basic astronomical concepts.
- Earth: shape, motions, latitudes, longitudes, time zones, maps, scale and directions.
- Physical geography: continents, mountains, plateaus, plains, deserts, rivers, lakes, oceans, volcanoes and earthquakes.
- Indian geography: physiographic divisions, Himalayas, plains, plateau, coastal areas, islands, rivers, climate, soils, vegetation and natural resources.
- Human geography: population, settlements, migration, occupations, transport, communication and human activities.
- Environment: ecosystems, natural resources, pollution, waste management, conservation, biodiversity, climate change and disaster awareness.

Indian National Movement

- British expansion and consolidation in India; major administrative and economic changes.
- Revolt of 1857: causes, major centres, leaders, nature and consequences.
- Socio-religious reform movements, modern education, press and growth of political awareness.
- Rise of Indian nationalism and formation of the Indian National Congress.
- Partition of Bengal, Swadeshi and Boycott, revolutionary activities and Home Rule movement.
- Gandhian era: Champaran, Kheda, Ahmedabad, Non-Cooperation, Civil Disobedience and Quit India movements.
- Role of major leaders, women, peasants, workers and tribal communities in the freedom struggle.
- Constitutional developments, Cabinet Mission, transfer of power and independence.

Part-III / Concerned Subject

Select the subject applicable to the post. The following is a detailed preparation breakdown. The official notification identifies the subject areas and curriculum level; the chapter lists below expand those areas into study-ready topics and should not be treated as verbatim notification wording.

Hindi

- Comprehension of prose and poetry; main idea, inference, vocabulary and interpretation.
- Grammar: sandhi, samasa, prefixes, suffixes, noun, pronoun, adjective, verb, case, tense, voice and sentence structure.
- Synonyms, antonyms, one-word substitutions, idioms, proverbs, spelling and sentence correction.
- Figures of speech, rasa, metre, poetic devices and basic literary terminology.
- School-level prose, poetry, story, essay, drama and major literary forms according to the prescribed curriculum.
- Literary history, major literary movements, important authors/poets, genres and prescribed texts.
- Advanced grammar, poetic devices, rasa, chhand, alankar, sentence transformation and language analysis.

English

- Reading comprehension: factual, literary and discursive passages; main idea, inference, tone, vocabulary and contextual meaning.
- Parts of speech: nouns, pronouns, adjectives, verbs, adverbs, prepositions, conjunctions and interjections.
- Tenses, subject-verb agreement, articles, determiners, modals, auxiliaries and question forms.
- Active/passive voice, direct/indirect speech, sentence transformation, clauses and degrees of comparison.
- Vocabulary: synonyms, antonyms, homonyms, one-word substitutions, idioms and phrases.
- Sentence correction, error detection, fill in the blanks, rearrangement, cloze tests and spelling/usage.
- Basic functional writing and sentence formation.
- Literature: poetry, prose, drama, fiction, theme, plot, character, setting, tone, symbolism and literary devices.
- Literary periods and major writers/works as prescribed; comprehension and critical interpretation.
- Writing: essay/paragraph, letter/application, précis/summary, editing, rearrangement and functional English.

Urdu

- Reading comprehension and interpretation of prose and poetry.
- Grammar: nouns, pronouns, adjectives, verbs, adverbs, conjunctions, prepositions and sentence structure.
- Gender, number, case, tense, voice, sentence correction and common usage.
- Sandhi, Samasa, prefixes/suffixes or their language-specific equivalents where applicable.
- Vocabulary: synonyms, antonyms, homonyms, idioms, proverbs and contextual meanings.
- Spelling, error correction, sentence transformation, fill-in-the-blanks and language usage.
- Basic literature awareness and prescribed school-level prose/poetry where applicable.
- School-level Urdu prose and poetry; literary forms, comprehension and interpretation.
- Urdu prose, poetry, ghazal, nazm and major literary forms; literary history and prescribed texts.

Bengali

- Reading comprehension, Bengali grammar, vocabulary, sentence structure and error correction.
- Sandhi, samasa, word formation, synonyms, antonyms, idioms, proverbs and usage.
- Prose, poetry, fiction, drama and prescribed Bengali literature; literary devices and interpretation.

Maithili

- Grammar, word formation, sentence structure, case, tense, vocabulary, idioms and proverbs.
- Comprehension of prose and poetry; meaning, inference, explanation and language usage.
- Maithili literary traditions, folk literature, poetry, prose, drama and prescribed texts.

Sanskrit

- Grammar: noun and verb forms, cases, sandhi, samasa, prefixes, suffixes, tense/mood and sentence construction.
- Translation, comprehension, unseen prose/poetry, word meanings and question-answer.
- Prescribed prose, poetry, stories, verses and basic Sanskrit literary awareness.

- Classical Sanskrit literature, major authors/works, poetic forms, figures of speech and literary interpretation.

Arabic

- Arabic reading comprehension, vocabulary and sentence structure.
- Noun/verb patterns, pronouns, gender, number, cases, tense/mood, syntax and translation.
- Prescribed prose/poetry, literary forms and basic Arabic literary history.

Persian

- Persian reading comprehension, vocabulary and grammar.
- Nouns, pronouns, verbs, tense, sentence construction, idioms and translation.
- Prescribed prose/poetry and basic Persian literary history and forms.

Science

- Physics: measurement, motion, force, work, energy, gravitation, pressure, heat, sound, light, electricity and magnetism.
- Chemistry: matter, atoms, molecules, periodic classification, bonding basics, reactions, acids/bases/salts, metals/non-metals, carbon compounds.
- Biology: cell, tissues, diversity, nutrition, respiration, transportation, reproduction, heredity basics, health and disease.
- Environment, ecosystem, natural resources, pollution, conservation and biodiversity.
- Scientific reasoning, experiments, graphs, numerical/application questions and everyday science.

Mathematics

- Number systems, real numbers, polynomials, factorisation and algebraic identities.
- Linear equations, quadratic equations, arithmetic progressions and coordinate geometry.
- Triangles, quadrilaterals, circles, constructions and geometric proofs.
- Trigonometry: ratios, identities and applications.
- Mensuration: areas, surface areas and volumes.
- Statistics: data representation, mean, median, mode and probability.
- Graphs, mathematical reasoning, problem solving and applications.

Social Science

- History: early societies, Indus civilisation, Vedic period, Mahajanapadas, Buddhism/Jainism, Mauryas, Guptas, medieval kingdoms, Delhi Sultanate, Mughals, regional states and colonial rule.
- National movement: 1857, rise of nationalism, major movements, social reform and independence.
- Geography: globe, latitudes/longitudes, earth motions, landforms, climate, water, vegetation, resources, agriculture, industries, population and settlements.
- Civics: Constitution, democracy, institutions, rights, elections, local government, federalism and citizenship.
- Economics: economic activities, sectors, poverty, unemployment, money, banking, markets, development and public facilities.
- Map skills, timelines, source-based questions, data interpretation and cause-effect analysis.
- Secondary-level civics: power sharing, federalism, gender/religion/caste, political parties, outcomes of democracy and challenges to democracy.
- Economics: development, sectors, money and credit, globalisation, consumer rights and Indian economic development.

Fine Arts

- Elements and principles of art: line, shape, form, colour, texture, space, balance, rhythm and composition.
- Drawing and painting: sketching, still life, nature study, perspective, shading, colour theory and creative composition.
- Indian art history: prehistoric, ancient, medieval and modern art; folk and tribal traditions.
- Major schools, artists, artworks, techniques and basic art appreciation.

Dance

- Elements of dance: movement, rhythm, tala, laya, expression, gesture and stage presentation.
- Major Indian classical dance traditions, folk dances, repertoire, terminology and history.
- Abhinaya, mudras, basic theory, aesthetics and performance-related concepts.

Physical Education

- Health, fitness, wellness, nutrition and lifestyle.
- Anatomy and physiology basics; exercise, training methods, fitness components and assessment.
- Rules and skills of major games and sports; tournaments and sports organisations.
- Yoga, first aid, safety, sports psychology, motivation, measurement and evaluation.

Music

- Swara, shruti, raga, tala, laya and notation.
- Indian classical and folk traditions; vocal/instrumental forms and compositions.
- History of Indian music, major musicians, instruments, gharanas/traditions and terminology.
- Music appreciation, aesthetics and prescribed practical/theoretical content.

Source basis: BPSC TRE-4.0 notification framework and current syllabus references. The notification gives the paper structure, broad subject areas and SCERT/NCERT curriculum alignment; this PDF expands those areas into practical topic/subtopic checklists. Verify any later BPSC corrigendum before the exam.