

Odisha

Junior Teacher Syllabus

Adda247

Part A (Common for all)

Section / Subject	Topics Covered	Marks
 General English	- Questions on comprehension, inference, and grammar from one unseen passage - Questions on comprehension and appreciation from a poem	20
 General Odia	- Questions on comprehension, inference, and grammar from one unseen passage - Questions on comprehension and appreciation from a poem	20
 General Knowledge & Current Affairs	- Current events of state (Odisha), national, and international importance - History of Odisha / India - Indian and World Geography - Indian Polity - Economic and Social Development - Everyday Science	20
 Reasoning Ability	- General mental ability - Logical reasoning and analytic ability - Basic numeracy - Decision making & Problem solving	20
 Computer Literacy	- Basic computer literacy skills for use of ICT in classrooms - Concepts, terminology, and operations relating to general computer usage - Basic hardware of computer - Common applications - Networking and internet	10
 Child Development, Learning, Curriculum & Assessment	Unit 1: Understanding Child Development - Concept, principles, and stages of child development - Characteristics of physical, cognitive, social, emotional, and moral development in childhood and early adolescence - Significance of heredity and environment in understanding the child - Factors influencing child development: home, school, peer-group, and society - Understanding developmental needs (age-specific), learning and developmental tasks, developmental delays, helping children to grow Unit 2: Understanding Learning Process - Learning: concept and nature, individual difference in learning - How children learn: observation, imitation, trial and error, experimentation, and experience - Learning as meaning-making - Basic conditions of learning: maturation, fatigue, reinforcement, materials, tasks, organization of materials - Promoting learning: motivating learner, facilitating classroom learning environment, teacher behavior Unit 3: Learner in Inclusive Context - Meaning of inclusive education; distinction from integrated education and special education - Implementation of inclusive education	30

Odisha

Junior Teacher Syllabus

Part A (Common for all)

Section / Subject	Topics Covered	Marks
 Child Development, Learning, Curriculum & Assessment (Continued)	• Education of CWSN: types, identification, learning needs, teaching strategies, curriculum adaptation • Education of girl child: issues and strategies to address, initiatives taken so far • Education of socio-culturally disadvantaged children	
	Unit 4: Child Rights & Protection	
	• Right to Education (RTE) • Child Right & Child Abuse	
	Unit 5: Curriculum	
	• Concept and types: subject-centered, child-centered, experience-centered, local-specific • Core Curriculum: meaning and features • Principles of curriculum construction • Process of curriculum development at the elementary school level	
	Unit 6: Process of Curriculum Transaction	
	• Guiding principles for curriculum transaction: NCF - 2005 • Specifying objectives of curriculum in the learner's context • Selection and organization of learning activities and experiences • Skills for classroom transaction: questioning skills, communication skills, blackboard writing skills, providing reinforcement, classroom movement	
	Unit 7: Approaches to Learning and Teaching	
	• Teacher-centered, learner-centered, and learning-centered approaches • Competency-based approach • Activity-based approach (activity and its elements, characteristics, varieties: curricular and co-curricular) • Constructivist approach to learning • Major issues associated with each approach	
	Unit 8: Learning Assessment	
	• Concept of measurement, evaluation, and assessment • Continuous and Comprehensive Assessment (CCE) • Tools and techniques of assessment: achievement test, observation, interview, rating scale, checklist, case study, questionnaire, project • Preparation of different types of test items • Portfolio assessment • Preparation of unit test • Recording, reporting, and sharing of assessment results • Use of assessment outcomes for improving learning	

Odisha

Junior Teacher Syllabus

Adda247

• Junior Teachers Category-I (Classes I to V) •

Subject	Topics / Syllabus Covered	Marks
 Language (Odia / Urdu / Hindi / Telugu / Bengali)	Unit 1: Learning Language at Elementary Level (Class I to V) - Aims and objectives of teaching language as mother tongue - Principles of language teaching - Acquisition of four-fold language skills: listening, speaking, reading, and writing - Interdependence of four language skills - Objectives and strategies of transacting integrated text for beginners Unit 2: Teaching, Reading, and Writing Skills - Techniques of developing intensive and extensive reading skills - Teaching-learning composition and creative writing - Critical perspective on the role of grammar in learning language for communicating ideas in written form - Challenges of teaching language in a diverse classroom, language difficulties, and errors Unit 3: Language Items - Parts of speech: Noun, Pronoun, Verb, Adverb, Adjective, Conjunction - Formation of words using prefix and suffix - Synonyms and antonyms - Phrases and idioms	10
 Language (English)	Unit 1: Learning English at Elementary Level (Class I to V) - Importance of learning English - Objectives of learning English (in terms of content and competence specifications) Unit 2: Language Learning - Principles of language teaching - Challenges of teaching language in a diverse classroom Unit 3: Skills in Learning English - Four-fold basic skills of learning: listening, speaking, reading, and writing; interdependence of skills - Techniques and activities for developing listening and speaking skills: recitation, storytelling, dialogue - Development of reading skills: reading for comprehension, techniques and strategies for teaching reading (phonic, alphabet, word, sentence, and story) - Development of writing skills: teaching composition Unit 4: Language Items - Noun, Adverb, Verb, Tense and Time, Preposition, Article, Adjective, Punctuation	20
 Mathematics	Unit 1: Mathematics Education in Schools - Nature of mathematics (exactness, systematic, pattern, preciseness) - Aims and objectives of teaching mathematics - Specific objectives of teaching mathematics Unit 2: Methods and Approaches to Teaching - Learning Mathematics - Methods: Inductive, deductive, analysis, synthesis, play-way - Approaches: Constructivist and Activity-based	10

Odisha

Junior Teacher Syllabus

Adda247

• Junior Teachers Category-I (Classes I to V) •

Subject	Topics / Syllabus Covered	Marks
 Mathematics	Unit 3: Number Systems and Operation in Numbers - Number system: natural, whole, rational, real - Fundamental operations on numbers - Fractional operations on numbers - Fractional numbers and decimals: operations in fractional numbers and decimals - Factors and multiples: HCF and LCM - Percentage and its application Unit 4: Measurement - Measurement of length, weight, capacity - Measurement of area and perimeter of rectangle and square - Measurement of time: concept of a.m., p.m., and time interval Unit 5: Shapes and Spatial Relationship - Basic geometric concepts: point, line segment, ray, straight line, angles - Geometry of triangles, quadrilaterals, and circles - Symmetry - Geometrical solids: cube, cuboids, sphere, cylinder, cone Unit 6: Data Handling and Patterns - Pictography, bar graph, histogram, pie chart - Interpretation of these graphs - Patterns in numbers and figures	20
 EVS	Unit 1: Concept - Concept and significance - Integration of science and social science - Aims and objectives of teaching and learning EVS Unit 2: Methods and Approaches - Basic principles of teaching EVS - Methods: Survey, practical work, discussion, observation, project - Approaches: Activity-based, theme-based Unit 3: Governance - Local - Self, Government - State and Central - Judiciary Unit 4: Physical Features of Odisha and India - Landscape - Climate - Natural resources - Agriculture and Industry - Disaster management Unit 5: History of Freedom Struggle in India and Odisha - History of Freedom Struggle in India and Odisha Unit 6: Health and Diseases - Nutritional elements and balanced diet - Nutritional deficiency and diseases - Waste materials and disposal - First - aid - Air and water pollution Unit 7: Internal Systems of Human Body - Respiratory, circulatory, digestive, and excretory system – structure and parts of	

Odisha

Junior Teacher Syllabus

Adda247

Category-II (Classes VI to VIII)

Subject	ARTS	Marks
 Language-I (Odia / Urdu / Hindi / Telugu / Bengali)	Unit 1: Learning Language at Upper Primary Level - Aims and objectives of learning language as first language - Principles of teaching mother tongue - Development of language skills: listening, speaking, reading, and writing Unit 2: Teaching Language - Intensive and extensive reading skills at upper primary level - Teaching of non-detailed and detailed texts (prose, poetry) - Teaching of composition and creative writing - Teaching of grammar - Challenges of teaching language in multi-lingual context Unit 3: Assessment of Language - Assessment of learning languages: listening, speaking, reading, and writing - Planning and designing achievement tests and other tools for assessment	16
	Unit 4: Elements of Language - Comprehension of two unseen passages (one from prose / drama and other from poem) with test items on comprehension, vocabulary, and grammar Unit 5: Language Items - Parts of speech: Noun, Pronoun, Verb, Adverb, Adjective, Conjunction - Formation of word: prefix and suffix - Vocabulary: spelling and meaning of synonym and antonym - Phrase and idiom Unit 6: Contribution of Famous Literates Odia: Fakir Mohan Senapati, Gangadhar Meher, Radhanath Ray, Surendra Mohanty, Gopinath Mohanty Urdu: Altaf Hussain Hali, Niaz Fatehpuri, Ali Sadar Jafri, Aamir Khusroo, Majrooh Sultanpuri Hindi: Bhartendu Harischandra, Mahavir Prasad Dwivedy, Prem Chand, Jayshankar Prasad, Suryakanta Tripathi Nirala Bengali: Rabindranath Tagore, Sarat Chandra Chottopadhyaya, Tarasankar Bandopadhyay, Kazi Nazrul Islam, Bibhuti Bhushan Bandopadhyay Telugu: Srinathudu, Gurajada Appa Rao, Kandukuri Veeresalingam, Arudra, C. Narayan Reddy	24
 Language-II (English)	Unit 1: Learning English at Upper Primary Level - Importance of learning English - Objectives of learning English Unit 2: Development of English Language Skills - Basic skills of language: listening, speaking, reading, writing & interdependence of skills - Teaching of prose, poetry, and composition - Teaching of creative writing - Principles of language teaching - Challenges of teaching English as second language at upper primary level Unit 3: Assessment of Learning English Language - Assessment of comprehension and language skills: listening, speaking, reading, and writing	16
	Unit 4: Comprehension - Two unseen passages: one from prose / drama and another from poem with questions on comprehension, grammar Unit 5: Language Items - Parts of speech: Tense, voice change, change of narration, use of article & use of punctuation mark - Vocabulary: meaning and spelling	24

Odisha

Adda247

Junior Teacher Syllabus

Category-II (Classes VI to VIII)

Subject	ARTS / SCIENCE STREAM	Marks
 Social Studies	Unit 1: Aims and Objectives of Teaching Social Studies - Importance of teaching-learning Social Science at Upper Primary Stage - Aims and objectives of teaching-learning Social Science - Specific objectives of teaching learning Social Science Unit 2: Methods and Approaches - Methods: Survey, field work/trips, project & group work - Approaches: Activity-based, theme-based Unit 3: Evaluation in Social Science - Tools and techniques for assessment of learning in Social Science - Diagnostic assessment and remedial teaching	16
	Unit 4: History - Methods of historical studies; social, economic, and political conditions of Sultanate, Mughal, and British period - Slave, Khalji, Tughlaq, Lodi Dynasty - East India Company, British Crown, Impact of British rules - Ancient Period: Harappan, Ashoka - Soma, Ganga, Surya, fall of Odisha, Odisha under Mughals - Nationalist movement in India - Development of Nationalism in India and Europe Unit 5: Political Science - Indian Constitution - Human Rights - Governance at Central, State, and Local level - Political Parties and Pressure groups Unit 6: Geography - Odisha Geography - Odisha Geography: physical features, climate, agriculture and industry - Natural resources: land, water, forest & wild animals, minerals - Atmosphere, biosphere, and hydrosphere	24
 Mathematics	SCIENCE STREAM	
	Unit 1: Mathematics at Upper Primary Stage - Nature of Mathematics: logical, systematic, abstraction, pattern, mathematical language - Aims and objectives of teaching Mathematics - Specific objectives of teaching Mathematics Unit 2: Methods and Approaches to Teaching - Learning Mathematics - Methods: Induction, deduction, analysis, and synthesis - Approaches: Constructivist and Activity-based Unit 3: Evaluation in Mathematics - Formal and informal evaluation - Error analysis - Remedial and enrichment programme	16
	Unit 4: Number Systems - Number System (focus on real and rational numbers) - Properties in different number system Unit 5: Algebra - Basic concepts: terms, co-efficient, powers - Algebraic equations and their applications with one variable - Polynomials: operations in polynomials - Laws of indices - Identities Unit 6: Commercial Arithmetic - Percentage and its application: profit and loss, simple and compound interest, banking, rebate - Ratio and proportion - Variation and its application - Square, square root, cube, cube root of natural numbers Unit 7: Shapes and Spatial Relationship - Triangles and Quadrilaterals - Angles: complementary and supplementary angles, opposite angles, exterior angles of the triangle - Angle sum property - Parallel lines and properties relating to parallel lines - Congruency and similarities - Mensuration: area and circumference of circle, higher order problems relating to area of square, triangle, rectangle, parallelogram, trapezium, Pythagorean theorem	24

TEACHING MAHAPACK

For All **Teaching Exams**



Live Classes



Mock Tests



E-Books



Videos

- ✓ Learn from India's Best Faculty
- ✓ Comprehensive Preparation

*Your Teaching Success
Starts Here!*



Bigger Goals



Brighter Future



With Adda247

*Learn
Teach
Inspire
Succeed*

UPTET

CTET

DSSSB

KVS

NVS

EMRS

BPSC TRE

& MORE...

STUDY
PRACTICE
PROGRESS
REPEAT

Test Prime

✓ 800+ exams covered

All Exams, One Subscription.

One Stop Preparation Kit

Salient Features



1.5 Lakh+
Mock Tests



Unlimited
Re-attempt



25k+ Previous
Year Papers



500%
Refund

Explore Now >

Test Prime



IBPS



UPSC



Railways



Defence



SSC

and many more...

PRACTICE TODAY

ACHIEVE TOMORROW

Good
Tests
Better
Results

Odisha

Adda247

Junior Teacher Syllabus

Category-II (Classes VI to VIII)

Subject	SCIENCE STREAM	Marks
 Physical Science	Unit 1: Nature of Science - Aims and objectives of teaching-learning science at upper primary stage Unit 2: Methods and Approaches - Methods: Observation, Experimentation, Discovery, Project, and Problem-solving - Approaches: Integrated, constructivist approach Unit 3: Evaluation in Science - Tools and techniques for assessing learning in Science	16
	Unit 4: Physical Science - Metal, Non-metal and Metalloid - Elements and compounds - Symbol, valence and chemical equation - Acid, Base and Salt - Physical and Chemical changes in Matters - Force, motion, friction, pressure in solid, liquid & gases - Electricity and Current, chemical effects of electric current - Refraction and Reflection of light - Solar System and Planets	24
 Life Science	Unit 1: Nature of Science - Aims and objectives of teaching-learning science at upper primary stage Unit 2: Methods and Approaches - Methods: Observation, Experimentation, Discovery, Project and Problem-solving - Approaches: Integrated approach, constructivists approach Unit 3: Evaluation in Science - Tools and techniques for assessing learning in science	16
	Unit 4: Life Science - Biological adaptation among living beings - Respiration and transpiration - Soil and forest resource - Cell structure and function of cell organelle - Micro-organisms - Adolescence in human being	24

Odisha

Junior Teacher Syllabus

Adda247

EXAM PATTERN & MARKS BREAKDOWN

Junior Teachers Category-I (Classes I to V)

Paper	Area of Content	No. of Que	Marks	Duration
Part - I	General English	10	20	150 Min. (2 Hrs. 30 Min.)
	General Odia	10	20	
	General Knowledge & Current Affairs	10	20	
	Reasoning Ability	10	20	
	Computer Literacy	5	10	
	Child Development, Learning, Curriculum & Assessment	15	30	
	Total (Part - I)	60	120	
Part - II	Subject Contents	40	80	
	Pedagogy	20	40	
	Total (Part - II)	60	120	
Grand Total		120	240	

Important Information



- Format:** MCQ type
- Marks per Q:** 2 marks
- Negative Marking:** 0.5 marks off per wrong answer
- Compulsory:** Part-II & II for both Science & Arts (Class I–V)
- Medium:** Bilingual (Non-language subjects)
- Level:** Up to 10th / Secondary level

PART-II MARKS PER SUBJECT



- Mathematics:** 20 marks Content + 10 marks Pedagogy (Total: 30)
- Environmental Science:** 20 marks Content + 10 marks Pedagogy (Total: 30)
- Language-I:** 20 marks Content + 10 marks Pedagogy (Total: 30)
- Language-II:** 20 marks Content + 10 marks Pedagogy (Total: 30)

Odisha

Adda247

Junior Teacher Syllabus

EXAM PATTERN & MARKS BREAKDOWN

Category-II (Classes VI to VIII)

Section	Paper / Area of Content	No. of Que	Marks
Part - I	General English	10	20
	General Odia	10	20
	General Knowledge & Current Affairs	10	20
	Reasoning Ability	10	20
	Computer Literacy	5	10
	Child Development, Learning, Curriculum	15	30
Part - I Subtotal		60	120
Part - II	Subject Contents	36	72
	Pedagogy	24	48
Part - II Subtotal		60	120
Grand Total		120	240

Important Information



Format:	MCQ type
Marks per Q:	2 marks
Negative Marking:	0.5 marks off per wrong answer
Duration:	150 minutes (2 hrs 30 min)
Compulsory:	Part-I is compulsory for both Science & Arts streams
Medium:	Bilingual (Non-language subjects)
Level:	Up to Higher Secondary (+2) level

PART-II MARKS BREAKDOWN BY STREAM



Arts Stream

- Language-I (Odia/Urdu/Hindi/Telugu/Bengali): 24 marks Content + 16 marks Pedagogy (Total: 40)
- Language-II (English): 24 marks Content + 16 marks Pedagogy (Total: 40)
- History, Civics & Geography: 24 marks Content + 16 marks Pedagogy (Total: 40)

Science Stream

- Mathematics: 24 marks Content + 16 marks Pedagogy (Total: 40)
- Physical Science: 24 marks Content + 16 marks Pedagogy (Total: 40)
- Life Science: 24 marks Content + 16 marks Pedagogy (Total: 40)

Odisha

Junior Teacher Syllabus

Adda247



ODISHA JUNIOR TEACHER CUTOFF MARKS

Category 1 (Primary: Classes 1 to 5)

Category	2023 Cycle Cutoff Range (Out of 240)	Previous Cycles Trend
 General (UR)	145 – 155 Marks (Approx. 60-65%)	140 – 150 Marks
 SEBC	138 – 146 Marks	135 – 142 Marks
 SC	122 – 130 Marks	118 – 125 Marks
 ST	110 – 120 Marks	105 – 115 Marks

Category 2 (Upper Primary: Classes 6 to 8)

Category	2023 Cycle Cutoff Range (Out of 240)	Previous Cycles Trend
 General (UR)	152 – 162 Marks	148 – 155 Marks
 SEBC	144 – 155 Marks	140 – 147 Marks
 SC	128 – 135 Marks	122 – 130 Marks
 ST	115 – 125 Marks	110 – 118 Marks



Cutoff ranges are indicative and may vary by recruitment cycle.