

ODISHA B.ED

SYLLABUS for Entrance Test

The test shall be conducted in two sections. Both the sections are compulsory. The subjects and distribution of marks in each section shall be as per the following:

Section I is compulsory for all the candidates (both Arts and Science group). It would consist of Language (English), General Awareness, Reasoning and Teaching Aptitude. This Section shall be of 40 marks. There will be 40 questions. Each question carries one (01) mark. All Questions shall be of multiple choice types.

Section II shall be of 60 marks. There are two sections. The candidates have to select any one section and shall have to answer all the questions of that particular section. Section A is meant for Arts Group. The candidates who select the Arts Group shall have to answer all the questions from General English, Odia, Geography, History and Political Science. The candidates selecting the Science Group in Section B shall have to answer all the questions from Physical Science, Bio-Science and Mathematics. Each question carries one mark. All the questions are of multiple choice types.

Syllabus for B.Ed. Arts Stream

Section: I

Full Marks: 40

Language (English)	Comprehension, Vocabulary & Usage	10 Marks
General Awareness	Everyday science, Political system and happenings, General information, Educational committees and commissions, Educational policies and initiatives, Agencies working for education	10 Marks
Reasoning	Logical and Analytical Reasoning	10 Marks
Teaching Aptitude	Solving problem of educational context, managing classroom and learning, Learner and learning related issues, goals of education, role of various agencies and organization in management of education,	10 Marks

	issues related to teaching learning strategies.	
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Section: II

Full Marks: 60

Subjects	No. of Questions / Marks
General English	15
Odia	10
History and Political Science	20
Geography and Economics	15
Total	60

Detailed Syllabus for Section II (Arts Stream): **(English, Odia, History and Political Science, Geography and Economics)**

English:

- Comprehension - Unseen text
- Word formation, derivation, antonyms and Synonyms
- Spelling and punctuation
- Grammar (Parts of speech, time and tense, change of voice, Direct and indirect speech and transformation of sentences)

Odia:

- Comprehension - Unseen text
- Odia Dhwani, Odia Vocabulary - Word formation and syntax, Spelling and Punctuation
- Grammar (Karaka, Bibhakti, Samasa)

History and Political Science:

- Rise of the British power in India
- Socio-religious Movements in 19th Century
- India's struggle for freedom
- French Revolution, 1st World War and 2nd World War
- Salient features of Indian constitution and Fundamental Rights
- Functions of Legislative Assembly, Parliament, High Court and Supreme Court

Geography and Economics:

- Latitude and Longitude
- Physical division of India
- Natural Resources
- Social and economic resources
- Conservation of forest and wild life
- Basic Features of India Economy

Syllabus for B.Ed. Science Stream

Section: I

Full Marks: 40

Language (English)	Comprehension, Vocabulary & Usage	10 Marks
General Awareness	Everyday science, Political system and happenings, General information, Educational committees and commissions, Educational policies and initiatives, Agencies working for education	10 Marks
Reasoning	Logical and Analytical Reasoning	10 Marks
Teaching Aptitude	Solving problem of educational context, managing classroom and learning, Learner and learning related issues, goals of education, role of various agencies and organization in management of education, issuing related to teaching learning strategies.	10 Marks

Section: II

Full Marks: 60

Subjects	No. of Questions / Marks
Physical Science	20
Bio - Science	20
Mathematics	20
Total	60

Detailed Syllabus for Section II (Science Stream):
(Physical Science, Bio-Science, Mathematics)

Physical Science:

- Atomic structure - Atoms and molecules, classification of elements
- Chemical reactions and equations
- Motion - Laws of motion, concept of work, energy pressure and their measurement
- Electricity and magnetism: - Electric Circuit, Potential difference, magnetic Field, lines of force, electro-magnetic induction
- Heat, Light and Sound

Mathematics:

- Number System, Ratio and Proportion
- Set theory, relations and functions
- Linear, Simultaneous and quadratic equations, polynomials
- Theory of Indices, Logarithm and Antilogarithm
- Trigonometric Ratios and Indices, Problems on height and distance
- Basic Geometrical Concepts and Geometry of plane figures

Biological Science:

- Cell : Structure, Components and Functions
 - Diversities in plants and animals
 - Natural resources
 - Environment - Eco-system, flow of energy, Bio-Geo Chemical cycle in nature, environmental degradation and pollution
 - Basic Physiological function in plants and animals : Nutrition, Respiration, Excretion and Reproduction
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ODISHA B.H.ED

Syllabus for Entrance Test

The Entrance Test for the B.H.Ed. Course shall be conducted in two Sections. Both the sections are compulsory. The subjects and distribution of marks in each section shall be as per the following.

Section I : Consists of Language (English), General Awareness, Reasoning and Teaching Aptitude. This Section shall be of 40 marks. There shall be 40 questions, each carrying one (01) mark. All the questions shall be of multiple choice type.

Section II : Consists of two method subjects i.e. Hindi and Odia. The total mark shall be of 60. There shall be 40 questions for Hindi Subject and 20 questions for Odia subject. Each question shall be of multiple choice type carrying one (01) mark each.

The following is the distribution of marks and the broad areas under each aspect.

Section I : 40 Marks

Language (English)	Comprehension, Vocabulary & Usage	10 Marks	10 Items
General Awareness	Everyday science, Political system and happenings, General information, Educational committees and commissions, Educational policies and initiatives, Agencies working for education	10 Marks	10 Items
Reasoning	Logical and Analytical Reasoning	10 Marks	10 Items
Teaching Aptitude	Solving problem of educational context, managing classroom and learning, Learner and learning related issues, goals of education, role of various agencies and organization in management of education, issues related to teaching-learning strategies.	10 Marks	10 Items
Total		40 Marks	40 Items

Section II : 60 Marks

Hindi	40 marks	40 Items
Odia	20 marks	20 Items
Total	60 Marks	60 Items

DETAILED SYLLABUS Hindi :

1.0 History of Hindi Literature:

Samanya parichaya : Kal bibhajan Mukhya
Pravrittian, Pramukh
Kavi Aur Sahityakar
tatha unki mukhya
Kritiyan (Ten questions -one mark each)

2.0 Hindi Literature :

Samanya Parichaya :

- (a) Kabir, Sur, Tulasi, Maithilisan, Prasad, Pant, Nirala, Dinkar, Bacchan, Subhadra Kumari, Nagarjun, Agneya .
- (b) Premchand, Mahadevi, Mannubhandari, Harishankar Parasai, Ramachandra Shukla, Hazariprasad Dwivedi (Ten questions-one mark each)

3.0 Comprehension :

Unknown Text (Five questions one mark each)

4.0 Grammar :

- (c) Dhvani and Varnamala
- (d) Different kinds of words (paryaya bachi, sandhisamas, anek sabdonke liye ek, villom, anekarthi, upasarga, pratyaya etc.)
- (e) Nouns - Number, gender, Adjectives
- (f) Karak, Bibhakti, Kriya ke kal, mukhya kriyayen, kriya vishesan
- (g) Popular muhaware, vakya (twenty-five questions - one mark each)

5.0 Odia :

- Comprehension - Unseen text
 - Odia Dhvani, Odia Vocabulary - Word formation and syntax, Spelling and Punctuation
 - Grammar (Karak, Bibhakti, Samasa)
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Subject Area	Marks	No. of Items
Basics of Education	20	20
Understanding the learner & learning process	20	20
Curriculum and curriculum transaction	20	20
Contemporary issues in school Education	20	20
Assessing the learner; Planning and management of school	20	20
Total	100	100

Detailed Syllabus :

Subject	Detailed Content
Basics of Education	- Understanding Education: Education as a process, Aims of Education, Ideas of Educational thinkers (Gandhi, Tagore, Dewey, Rousseau). - Education in socio cultural context of India: Role of education in social control & social change. Education as an instrument for promoting national integration, Education for Democracy & Education for Globalization. - Education for National Development: Education and national development, Education as an investment for Human Resource and Economic development. - Education Policy imperatives: Constitutional provisions, NPE(1986,1992), RCFTE 2009, NCF-2005.
Understanding the learner & learning process	- Understanding the child & Adolescent: Developmental tasks and role of teacher. - Understanding differences between learners: Areas of differences, factors affecting differences. Understanding differently-abled learners. - Methods of studying learner behavior- Test, Observation, Case study - Understanding learning process:- Relevance and applicability of theoretical, Perspectives of learning - Skinner, Piaget, Vygotsky. - Understanding higher mental processes of learning: Intelligence - Measurement of Intelligence, Creativity: Characteristics & process, Role of teacher in promoting creativity. - Organizing learning - Paradigms for organizing learning, modes of learning, organizing learning in heterogeneous classrooms.
Curriculum and curriculum transaction	- Curriculum: Concept, types, bases of curriculum, principles & process of curriculum development. - Understanding teaching: Major shift in teacher education as per NCF-2005, - Teaching as a profession, professional ethics & accountability of teacher, - Phases of teaching: Pre-active, interactive & post-active phase, teacher activities in different phases.

Contemporary issues in school Education	▪ Equality & Equity in Education: Nature & forms of inequalities, inclusive education, provision for addressing inequalities - SSA, RTE Act, RMSA. ▪ Quality in Education: Strategies for enhancement of quality in School Education, Functions of NCERT, NCTE, NUEPA, for quality improvement. Role of teacher for quality education. ▪ Education for conservation of Environment: Protection and conservation of environment. Strategies for sensitizing learners towards protection of environment and its conservation.
Assessing the learner; Planning and management of school	▪ Learning Assessment: CCE, Assessment of learning, Assessment for learning, Assessment as learning - its tool & techniques. ▪ Test construction: Characteristics of a good test. ▪ Statistics: Measures of variability, Correlation, Standard scores - Z score, T-score, percentile. ▪ School Development plan & management, management of material, financial and human resources. ▪ Monitoring and Action Research: Mechanism of monitoring, conducting, reporting action research & follow up. ▪ Classroom Management: Components of class room environment and its management, types of learning resources in the class room and their management
