

**UNIVERSITY DEPARTMENT OF TEACHER EDUCATION,
UTKAL UNIVERSITY, VANIVIHAR, BHUBANESWAR**

DETAILED SYLLABUS For B.Ed. ENTRANCE TEST (ARTS STREAM) : 2022

Area	Content	No. Of Questions/ Marks
.Language Proficiency (English)	Comprehension, Vocabulary & Usage	07
General Awareness	Everyday science, Political system and happenings, General information, Educational committees and commissions, Educational policies and initiatives, Agencies working for education	07
Reasoning	Logical and Analytical Reasoning	07
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.	07
General English	<ul style="list-style-type: none"> ➤ Comprehension – Unseen text ➤ Word formation, derivation, antonyms and Synonyms ➤ Spelling and punctuation ➤ Grammar (Parts of speech, time and tense, change of voice, Phrasal verb, Articles, Direct and indirect speech and transformation of sentences) 	14
History and Political Science	<ul style="list-style-type: none"> ➤ 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 	14
Geography and Economics	<ul style="list-style-type: none"> ➤ Latitude and Longitude ➤ Physical division of India ➤ Natural Resources ➤ Social and economic resources ➤ Conservation of forest and wild life Basic Features of India Economy 	14
Total		70

DETAILED SYLLABUS For B.Ed. ENTRANCE TEST (SCIENCE STREAM): 2022

Area	Content	No. Of Questions / Marks
Language Proficiency (English)	Comprehension, Vocabulary & Usage	07
General Awareness	Everyday science, Political system and happenings, General information, Educational committees and commissions, Educational policies and initiatives, Agencies working for education	07
Reasoning	Logical and Analytical Reasoning	07
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.	07
Physical Science	<ul style="list-style-type: none">➤ 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	14
Bio – Science	<ul style="list-style-type: none">➤ 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	14
Mathematics	<ul style="list-style-type: none">➤ 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	14
Total		70

Note

- There will be 70 multiple choice questions (**MCQ**) of one mark each.
- All question are compulsory.
- Maximum time allowed to complete the test is 90 minutes.
- There is no negative marking for wrong response.