

SSB Odisha TGT Syllabus 2024

Pedagogy & Evaluation

The Pedagogy syllabus will consist of the following topics:

Topics	
For all posts except PET	
Learning Process/ Pedagogy	Addressing Classroom Diversity
Understanding the learning process	Assessing the Learner/Performance (Evaluation)
Assessment and Learning	Assessment and Evaluation
Test Construction	Organizing Learning
For the post of PET	
Pedagogy, Planning & Evaluation	Programme Planning & Evaluation
Pedagogy	

TGT Science (PCM)

The science section will consist of Physics, Chemistry and Maths. Must gauge the topics to cover.

Physics

Topics	
Motion	Optics
Gravitation	Electrostatics

Properties of Matter	Current Electricity
Sound	Electromagnetic Induction

Chemistry

Topics	
Basic Concepts	Chemical Reactions
States of Matter	Chemical Equilibria and Ionic Equilibria
Structure of Atom	General Principles of Extraction of Metals
Classification and Elements and periodicity in properties	Some basic principles of organic Chemistry
Chemical Bonding and Molecular Structure	Hydrocarbons

Mathematics

Topics	
Set Theory and its application	Sequence and series
Relations and Functions	Coordinate geometry
Number system	Analytical solid geometry
Quadratic & linear equations	Probability
Calculus of one variable	Statistics

TGT Science (CBZ)

This section will consist of following subjects:

Botany

Topics	
Plant diversity and conservation	Reproduction in plants
Tissue system	Mendelism
Photosynthesis	Plant diseases and control measures
Growth in plants	

Zoology

Topics	
Taxonomy	Nutrition
Cytology	Respiration
Genetics	Circulation
Evolution	Excretion
Ecology	Control and coordination
Reproduction and Development	

TGT Arts

The syllabus for the Arts section will comprise mainly four subjects which are History, English, Political Science, Geography and Economy etc. For a detailed view of topic wise syllabus, read below.

History

Topics	
Great rulers of ancient India	Growth of India Nationalism, 1857-1905
Development of Art and Architecture during Maurya age, Gupta age, and Kushana Age	Indian National Movement, 1905-1947

Development of Literature and science in Ancient India	First World War and Russian Revolution
Mughal architecture and painting during the reign of Akbar, Jahangir, and Shajahan	Second World War - Causes and Consequences
Rise of British power in India from 1757 to 1856	

Political Science

Topics	
Salient features of Indian Constitution	Electoral process and election commission
Preamble, fundamental rights, Directive principles of States policy, fundamental duties	India's Foreign policy and its relation with neighbors
Union Government	United Nations - General Assembly, security council human rights
State Government	Socialism, liberalism, Democracy, authoritarianism, welfare state and globalization
Local Governance	Kautilya, Raja Ram Mohan Roy, Bal Gangadhar Tilak, Swami Vivekananda, Mahatma Gandhi Nehru, B.R. Ambedkar

Geography

Topics	
Physical geography of India	Physical Geography

Resources with special reference to India	Globe and Maps
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Economy

Topics	
Indian Economy	Economic Development
Current challenges of Indian Economy	Money and Banking

Section-III: English

Topics	
Comprehension	Speaking (Commonly mis-pronounced words, common errors)
Grammar and Usage	Teaching of English