

OSSC ATO Exam Pattern

Selection Process

Type of Exam	Marks
Written Exam	100 Marks
Career Assessment Test	90 Marks
Viva Voce Test	10 Marks
Total	200 Marks

Written Test Exam Pattern

Examination Type	Name of the Subjects	Marks
Objective Type	Physics	100
	Chemistry	
	Mathematics	
	Engineering Mechanics	

OSSC ATO Syllabus - Topic Wise

Chemistry

1. Organic chemistry
2. Industrial chemistry
3. Physical chemistry
4. Inorganic chemistry
5. Environmental chemistry

Physics

1. Dimensions and vectors
2. Heat & thermodynamics
3. Curvilinear motion & kinematics
4. Gravitation, planetary motion & simple harmonic motion
5. Current electricity & electro-magnetism
6. Sound & acoustics
7. Optics
8. Magnetostatics & electrostatics

9. Electromagnetic induction

Mechanics

1. Friction
2. Centroid & moment of inertia
3. Fundamentals of engineering mechanics
4. Equilibrium
5. Simple machines
6. Dynamics

Mathematics

1. Complex numbers
2. Binomial theorem
3. Circle
4. Partial fractions
5. Trigonometry
6. Determinants
7. Matrices
8. Analytical geometry in-two dimensions (straight line)
9. Vector algebra