

Symbiosis University



Symbiosis Entrance Test Pattern

SET – LAW (SLAT)

Sr. No	Section	Number of Questions	Total Marks
1.	Logical Reasoning	12	12
2.	Legal Reasoning	12	12
3.	Analytical Reasoning	12	12
4.	Reading Comprehension	12	12
5.	General Knowledge	12	12
	Total	60	60

SET – GENERAL (SET)

Sr. No.	Section	Number of Questions	Total Marks
1.	General English	16	16
2.	Quantitative	16	16
3.	General Awareness	16	16
4.	Analytical & Logical Reasoning	12	12
	Total	60	60

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SET – ENGINEERING (SITEEE)

Sr. No.	Section	Number of Questions	Total Marks
1.	Physics	15	30
2	Chemistry	15	30
3.	Mathematics	30	60
	Total	60	120

Symbiosis Entrance Test Syllabus

Physics

- Bulk properties of matter
- Viscosity
- Thermodynamics
- Kinetic theory of gases
- Oscillations & Waves
- Periodic motion
- Electrostatics
- Current Electricity, Magnetics
- Physical World
- Measurements
- Units & dimensions
- Kinematics
- Laws of motion
- Gravitation
- Electromagnetic waves
- Optics I (Ray optics)
- Optics II (Wave Optics)
- Particle nature of light & wave-particle dualism
- Atomic Physics

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- Nuclear Physics
- Solid-state Electronics

Chemistry

- Atoms
- Molecules and Chemical Arithmetic
- Hydrogen
- Chemistry of Non-Metallic Elements and their Compounds in Industry
- <https://exams.freshersnow.com/>
- Surface Chemistry
- Polymers
- Environmental Chemistry
- Chemistry of Metals
- Chemistry of Carbon Compounds
- Compounds
- Haloalkanes and Haloarenes
- Alcohols
- Application Oriented chemistry
- Principles of Qualitative Analysis
- Atomic Structure
- Radioactivity and Nuclear Chemistry
- The Periodic Table and Chemical Families
- Chemical Bonding and Molecular Structure
- Coordination Compounds
- Solid State
- Liquid State
- Gaseous State
- Chemical Energetic and Chemical Dynamics
- Physical Chemistry of Solutions
- Ionic and Redox Equilibria

Mathematics

- Algebra
- Trigonometry
- Coordinate geometry of two dimensions
- Coordinate geometry of three dimensions

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- Calculus
- Vectors

Analytical & Logical Reasoning

- Mirror Images
- Grouping Identical Figures
- Figure Matrix Questions
- Problem on Age Calculation
- Decision Making
- Inference
- Analogy
- NonVerbal Series
- Test of Direction Sense
- Number Series
- Alphabet Series
- Arguments
- Venn Diagram
- Blood Relations
- Coding and Decoding
- Number Ranking
- Arithmetical Reasoning

General Awareness

- National Dance
- Music & Literature
- Indian Culture
- Scientific observations
- Political Science
- World organizations
- Countries and Capitals
- Famous Places in India
- Books and Authors
- Important Dates
- About India and it's neighboring countries
- Science and innovations
- New inventions

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- Economic problems in India
- Geography of India
- National and International current affairs

English

- Spellings/ Detecting Mis-spelt words
- Antonyms and its correct usage
- Common Error
- Active/ Passive Voice of Verbs
- Comprehension Passage
- Spot the Error
- Cloze Passage
- Fill in the Blanks
- Shuffling of Sentence parts
- Conversions
- Sentence Rearrangement
- Grammar
- Shuffling of Sentences in a passage
- Improvement of Sentences
- Synonyms/ Homonyms
- Antonyms
- Vocabulary
- Idioms & Phrases
- One word substitution

General Knowledge

- Awards
- Authors
- Flower
- Defense
- Culture
- Religion
- Languages
- Capitals
- Wars and
- Neighbors

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- Current Affairs
- History
- Anthem
- Important National Facts
- Heritage and Arts
- Dance
- Currencies
- Bird
- Animal
- Abbreviations
- Discoveries
- Diseases and Nutrition
- Song
- Flag
- Monuments
- Personalities
- Freedom Movement
- Championships
- Winners
- Terms
- Common Names
- Full forms
- Soil
- Rivers
- Mountains
- Ports
- Inland Harbours
- Number of Players
- Culture
- Religion
- Dance
- Heritage and Arts