



SAMPLE PAPER SYLLABUS 2024-25

CLASS
9



**SOF INTERNATIONAL GENERAL
KNOWLEDGE OLYMPIAD**

04 OCT 24

SYLLABUS

Plants and Animals, Our Environment, Science and Technology, India and the World, Social Studies, Language, Literature and Media, Sports, Quantitative Aptitude and Logical Reasoning, Current Affairs, Life Skills (Empathy, Effective Communication, Critical Thinking, Creative Thinking, Coping with Stress, Decision Making, Problem Solving, Interpersonal Skills, Managing Emotions, Self-awareness).

Achievers Section : Higher Order Thinking Questions from the above given Syllabus.

Total Questions : 50

Time : 1 hr.

PATTERN & MARKING SCHEME

Section	(1) General Awareness	(2) Current Affairs	(3) Life Skills	(4) Achievers Section
No. of Questions	30	10	5	5
Marks per Ques.	1	1	1	3



Scan the QR code
for more details



**SOF NATIONAL
SCIENCE OLYMPIAD**

Total Questions : 50

Time : 1 hr.

PATTERN & MARKING SCHEME			
Section	(1) Logical Reasoning	(2) Science	(3) Achievers Section
No. of Questions	10	35	5
Marks per Ques.	1	1	3



Scan the QR code
for more details

SYLLABUS 18-10-24

Section – 1 : Verbal and Non-Verbal Reasoning.

Section – 2 : Motion, Force and Laws of Motion, Gravitation, Work and Energy, Sound, Matter in Our Surroundings, Is Matter Around Us Pure, Atoms and Molecules, Structure of Atom, Cell-The Fundamental Unit of Life, Tissues, Natural Resources, Improvement in Food Resources.

Section – 3 : Higher Order Thinking Questions - Syllabus as per Section – 2.

08-11-24



**SOF INTERNATIONAL
ENGLISH OLYMPIAD**

Total Questions : 50

Time : 1 hr.

PATTERN & MARKING SCHEME				
Section	(1) Word and Structure Knowledge	(2) Reading	(3) Spoken and Written Expression	(4) Achievers Section
No. of Questions	30	10	5	5
Marks per Ques.	1	1	1	3



Scan the QR code
for more details

SYLLABUS

Section – 1 : Synonyms, Antonyms, Analogies and Spellings, One word, Word order, Nouns, Pronouns, Verbs, Adverbs, Adjectives, Articles, Prepositions, Conjunctions, Punctuations, Jumbled words, Voices, Concord, Question forms, Tenses, Conditionals, Modals, Reported speech. Collocations, Phrasal verbs, Idioms, Homonyms and homophones, Words related to social cause, Travel, Workplace, etc.

Section – 2 : Search for and retrieve information from various text types like Flyers, Classifieds, Dictionaries, etc., Understand information presented in instruction manual format, Message format and others. Acquire broad understanding of and look for specific information in longer texts like editorials, Essays, etc.

Section – 3 : Ability to understand situation-based variations in functions like Giving advice, Stating preferences, Discussing probability, Making an offer, etc.

Section – 4 : Higher Order Thinking Questions - Syllabus as per Sections 1, 2 and 3.



**SOF INTERNATIONAL
MATHEMATICS OLYMPIAD**

Total Questions : 50

Time : 1 hr.

PATTERN & MARKING SCHEME

Section	(1) Logical Reasoning	(2) Mathematical Reasoning	(3) Everyday Mathematics	(4) Achievers Section
No. of Questions	15	20	10	5
Marks per Ques.	1	1	1	3



Scan the QR code
for more details

SYLLABUS

19-11-24

Section – 1 : Verbal and Non-Verbal Reasoning.

Section – 2 : Number Systems, Polynomials, Coordinate Geometry, Linear Equations in Two Variables, Introduction to Euclid's Geometry, Lines and Angles, Triangles, Quadrilaterals, Circles, Heron's Formula, Surface Areas and Volumes, Statistics.

Section – 3 : The syllabus of this section will be based on the syllabus of Mathematical Reasoning and Quantitative Aptitude.

Section – 4 : Higher Order Thinking Questions - Syllabus as per Section – 2.



**SOF INTERNATIONAL
SOCIAL STUDIES OLYMPIAD**

Total Questions : 50

Time : 1 hr.

PATTERN & MARKING SCHEME

Section	(1) History	(2) Geography	(3) Political Science	(4) Economics	(5) Achievers Section
No. of Questions	15	10	10	10	5
Marks per Ques.	1	1	1	1	3



Scan the QR code
for more details

SYLLABUS

10-12-24

Section – 1 : History – The French Revolution, Socialism in Europe and the Russian Revolution, Nazism and the Rise of Hitler, Forest Society and Pastoralists in the Modern World

Section – 2 : Geography – India – Physical Features and Climate, Drainage, Natural Vegetation and Wildlife, Population

Section – 3 : Political Science – What is Democracy? Why Democracy?, Constitutional Design and Democratic Rights, Elections and Working of Institutions

Section – 4 : Economics – The Story of Village Palampur, People as Resource, Poverty and Food Security in India

Section – 5 : Higher Order Thinking Questions - Syllabus as per Section – 1, 2, 3 & 4.



**SOF INTERNATIONAL
COMPUTER SCIENCE OLYMPIAD**

SYLLABUS 20-12-24

Total Questions : 50

Time : 1 hr.

PATTERN & MARKING SCHEME				
Section	(1) Logical Reasoning	(2) Computer Science	(3) Information Technology	(4) Achievers Section
No. of Questions	10	30	5	5
Marks per Ques.	1	1	1	3



Scan the QR code
for more details

Section – 1 : Verbal and Non-Verbal Reasoning.

Section – 2 : Algorithms and Flowcharts in Programming, Number System (Binary to decimal and decimal to binary conversion), Visual Basic, Animations, HTML & CSS (Links, Anchors and Table tags), MS-Word, MS-Excel (Formula Auditing, Data Tools, Protecting and Sharing workbooks/worksheets, Working with cell range), MS-PowerPoint, Hardware, Software, Input & Output Devices, Memory & Storage Devices, Flash CS6, Multimedia, Networking, Cyber Safety, Operating Systems (Types-Interactive (GUI based), Real Time and Distributed, Commonly used OS), Using Windows 10, Introduction to Scratch, Introduction to Python 3.11 (as of December 2022).

Section – 3 : AI, Robotics, IT Gadgets, Devices, Apps, Computerization, and other Developments in the Field of IT.

Section – 4 : Higher Order Thinking Questions - Syllabus as per Sections 2 and 3.

Questions are based on Windows 10 and MS-Office 2016.