



SAMPLE PAPER SYLLABUS 2024-25

CLASS

10

IGK | IE | NS | IM | ICS | ISS | IHO

Introducing

(Formerly SOF NCO)



SOF INTERNATIONAL GENERAL
KNOWLEDGE OLYMPIAD

04-10-24

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



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**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



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SYLLABUS

18-10-24

Section – 1 : Verbal and Non-Verbal Reasoning.

Section – 2 : Chemical Reactions and Equations, Acids, Bases and Salts, Metals and Non-metals, Carbon and Its Compounds, Life Processes, Control and Coordination, Reproduction in Organisms, Heredity, Light-Reflection and Refraction, Human Eye and Colourful World, Electricity, Magnetic Effects of Electric Current, Our Environment and Its Management.

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



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SYLLABUS

Section – 1 : Synonyms, Antonyms, Analogies and Spellings, One Word, Word order, Nouns, Pronouns, Verbs, Adverbs, Adjectives, Articles, Prepositions, Conjunctions, Punctuations, Voices, Narration, Concord, Question forms, Tenses, Conditionals, Modals, Collocations, Phrasal verbs, Idioms, Homonyms and homophones, Words related to weather, Countries, Language and people, Global problems, etc.

Section – 2 : Search for and retrieve information from various text types like Encyclopedias, 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., Make inferences from advanced texts.

Section – 3 : Ability to understand situation-based variations in functions like Giving/Accepting compliments, Agreeing, Disagreeing, Requesting, Seeking information, Pronunciation, etc.

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



**SOF INTERNATIONAL
MATHEMATICS OLYMPIAD**

SYLLABUS

19-11-24

Section – 1 : Verbal and Non-Verbal Reasoning.

Section – 2 : Real Numbers, Polynomials, Pair of Linear Equations in Two Variables, Quadratic Equations, Arithmetic Progressions, Triangles, Coordinate Geometry, Introduction to Trigonometry, Some Applications of Trigonometry, Circles, Areas Related to Circles, Surface Areas and Volumes, Statistics, Probability.

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.

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



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**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



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SYLLABUS

10-12-24

Section – 1 : History – Nationalism in Europe and India, Globalisation and Industrialisation, Print Culture and the Modern World

Section – 2 : Geography – Resources and Development, Forest, Wildlife and Water Resources, Agriculture and Industries, Minerals and Energy Resources, Lifelines of National Economy

Section – 3 : Political Science – Power Sharing and Federalism, Gender, Religion and Caste, Political Parties, Outcomes of Democracy

Section – 4 : Economics – Development and Sectors of the Indian Economy, Money and Credit, Globalisation and Consumer Rights

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



SOF INTERNATIONAL
COMPUTER SCIENCE OLYMPIAD

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



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SYLLABUS

Section – 1 : Verbal and Non-Verbal Reasoning.

Section – 2 : Fundamentals of Computer, Number System, Operating System, MS-Word, Networking, MS-PowerPoint, MS-Excel, HTML & CSS, Cyber Safety, Database Management System (Functions, Types, MS-Access), Using Windows 10, Programming in Scratch, Programming in 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.