SOF International Computer Science Olympiad (ICSO)

Syllabus — Class 8 (Exam Year 2026–27)

Total Questions: 50 **Duration:** 1 hr.

> Following the protocol of NEP (2020), NCF (2023), NCERT and CBSE guidelines, National and various State Boards for the convenience of schools and students, any change/reduction in the syllabi will be reflected in actual question papers.

Syllabus

Section – 1 : Verbal and Non-Verbal Reasoning.

Section – 2 : Fundamentals of Computer (Hardware, Software, Algorithms & Flowcharts (Advanced symbols) and Introduction to Number System), Using Windows 11, HTML & CSS (Html Elements: A, Ul and Ol (Attributes: Type, Start), Li and Some More Advanced Tags and Attributes), Programming in Scratch, MS-Access, Networking, MS-Word (Exploring File tab, Language and Translate options, Tracking features -Comments, Reviewing Pane, Tracking Changes, Comparing, Combining and Protecting documents, Working with References), MS-PowerPoint (Exploring File tab and Slide Show tab, Comparing, Combining and Protecting presentations), MS-Excel (Exploring File tab, Useful Formulas and Functions - IF, Even, Odd, LCM, GCD, Power, Product, Round, Sqrt, Sum, Min, Max, Average, Count, Upper, Lower And Replace, Cell referencing, Using Defined Names group), Memory & Storage Devices, Cyber Safety, Operating System (Introduction, Features, Types-single user and multi-user).

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 11 and MS-Office 2016.

Marks Distribution — Class 5th to 10th

Section	No. of Questions	Marks per Question	Total Marks
M4- Achievers Section	5	3	15
M2- Computer Science	30	1	30
M3- AI, Robotics and Information Technology	5	1	5

M1- Logical Reasoning	10	1	10
Grand Total	**50**		**60**