(C) 7, 4   (D) 3, 8

CLASS I

I CS O

SOF INTERNATIONAL COMPUTER SCIENCE OLYMPIAD

Total Questions : 35   *20ⁿ Dec' 2024*   Time : 1 hr.

PATTERN & MARKING SCHEME				
Section	(1) Logical Reasoning	(2) Computer Science	(3) Information Technology	(4) Achievers Section
No. of Questions	5	20	5	5
Marks per Ques.	1	1	1	2

Scan the QR code for more details

SYLLABUS

Section – 1 : Patterns, Odd One Out, Measuring Units, Geometrical Shapes, Spatial Understanding, Grouping, Analogy, Ranking Test, Problems based on Figures.

Section – 2 : Introduction to Computers, Parts of Computer, Uses of Computer, Keys and Keyboard, Computer Mouse, Starting and Shutting Down the Computer, Introduction to MS-Paint.

Section – 3 : 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.

CLASS - II

I CS O
SOF INTERNATIONAL COMPUTER SCIENCE OLYMPIAD
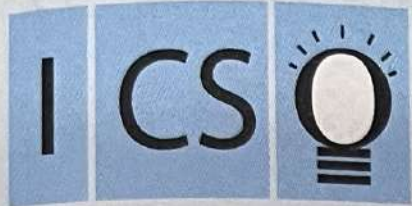
Total Questions : 35

20ⁿ Dec'24

Time : 1 hr.

PATTERN & MARKING SCHEME

Section	(1) Logical Reasoning	(2) Computer Science	(3) Information Technology	(4) Achievers Section
No. of Questions	5	20	5	5
Marks per Ques.	1	1	1	2

Scan the QR code for more details

SYLLABUS

Section – 1 : Patterns, Odd One Out, Measuring Units, Geometrical Shapes, Analogy, Ranking Test, Grouping of Figures, Embedded Figures, Coding-Decoding.

Section – 2 : Computer-a Smart Machine, General Information about Computers, Parts of Computer, Uses of Computer, Learning to use Keyboard and Mouse, MS-Paint.

Section – 3 : 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.

CLASS-III

Total Questions : 35

20ⁿ Dec' 2024

Time : 1 hr.

ICS

SOF INTERNATIONAL COMPUTER SCIENCE OLYMPIAD

Scan the QR code
for more details

PATTERN & MARKING SCHEME

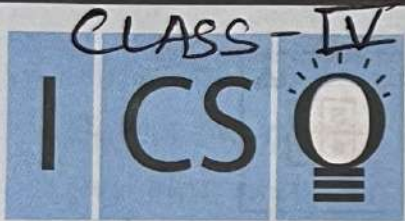| Section	(1) Logical Reasoning	(2) Computer Science	(3) Information Technology	(4) Achievers Section
No. of Questions	5	20	5	5
Marks per Ques.	1	1	1	2

SYLLABUS

Section – 1 : Patterns, Analogy and Classification, Alphabet Test, Coding-Decoding, Ranking Test, Grouping of Figures and Figure Matrix, Mirror Images, Geometrical Shapes, Embedded Figures, Possible Combinations, Clock and Calendar.

Section – 2 : Fundamentals of Computer, General Information about Computers, Storage Devices, Parts of Computer, Uses of Computer, Input and Output Devices, Introduction to Internet, MS-Paint, Introduction to MS-Word (Opening, Closing, Saving and Printing a Word document, Components of MS-Word window, Editing commands like Cut, Copy, Paste, Undo and Redo, Moving in a document using Home and End Keys).

Section – 3 : 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.

CLASS - IV

I CS O
**SOF INTERNATIONAL
COMPUTER SCIENCE OLYMPIAD**

Total Questions : 35

20° Dec 2024

Time : 1 hr.

Scan the QR code
for more details

PATTERN & MARKING SCHEME

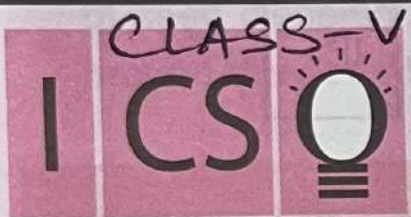| Section	(1) Logical Reasoning	(2) Computer Science	(3) Information Technology	(4) Achievers Section
No. of Questions	5	20	5	5
Marks per Ques.	1	1	1	2

SYLLABUS

Section – 1 : Patterns, Alphabet Test, Coding-Decoding, Ranking Test, Mirror Images, Geometrical Shapes and Solids, Embedded Figures, Direction Sense Test, Possible Combinations, Analogy and Classification, Clock and Calendar.

Section – 2 : About Computers (General Information), Evolution of Computers, Parts of Computer, Input and Output Devices, Hardware, Software, MS-Word(Formatting a Word document, Font group, Format Painter, Search using Find and Replace option, Checking Spelling and Grammar using Thesaurus), Using Windows 10, Introduction to Internet and Its Uses, Computer Networks, MS-Paint.

Section – 3 : 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.

CLASS-V

ICSO

SOF INTERNATIONAL COMPUTER SCIENCE OLYMPIAD

Total Questions : 50

20ⁿ December '2024

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

SYLLABUS

Section – 1 : Patterns, Analogy and Classification, Geometrical Shapes, Mirror and Water Images, Direction Sense Test, Ranking Test, Alphabet Test, Logical Sequence of Words, Puzzle Test, Coding-Decoding, Clock and Calendar.

Section – 2 : Input and Output Devices, Hardware, Software, Storage Devices, Memory –Primary & Secondary Memory, MS-Paint, Introduction to Multimedia, MS-Word (Paragraph formatting Using Paragraph group, Drop Cap, Document Views, Inserting Graphics-Pictures and Shapes, Screenshots, Symbols, SmartArt, Multimedia Objects, Text Box, Inserting Header and Footer in a document and exploring its features), Introduction to MS-PowerPoint(Component of MS-PowerPoint window and its features, Inserting Graphics-Pictures and Shapes, Screenshots, Symbols, SmartArt, Multimedia Objects, Text Box, Inserting Header & Footer and exploring its features, Running slide shows, Presentation Views), Internet, Computer Networks, Using Windows 10.

Section – 3 : 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.

CLASS-VI

20 Dec. 2024

Time : 1 hr.

ICSO

**SOF INTERNATIONAL
COMPUTER SCIENCE OLYMPIAD**

Total Questions : 50

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

SYLLABUS

Section – 1 : Verbal and Non-Verbal Reasoning.

Section – 2 : History and Generation of Computers, Types of Computers, MS-Windows 10, MS-Word(Working with Charts and Tables, Using Layout tab, Arranging multiple windows of a document), MS-PowerPoint(Creating presentation using Animation, Working with Animations and Transitions, Creating new slides using Slides pane, Working with Handouts and Notes Master, Arranging multiple windows of a presentations, Working with Charts and Tables), Networking and Cyber Safety, Introduction to QBasic, Hardware, Software, Input & Output Devices, Memory & Storage Devices.

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.

CLASS - VII

ICSO
SOF INTERNATIONAL COMPUTER SCIENCE OLYMPIAD

Total Questions : 50

20 Dec 2024

Time : 1 hr.

Scan the QR code for more details

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

SYLLABUS

Section – 1 : Verbal and Non-Verbal Reasoning.

Section – 2 : Fundamentals of Computer, Evolution of Computers, Memory & Storage Devices, Algorithms & Flowcharts (Introduction and Basic Symbols), Using Windows 10, MS-Word(Links, Mail Merge, Macros, Exploring Styles group), MS-PowerPoint (Working with Slides Master and Themes, Advancing slides using Hyperlink and Actions, Customizing Slide Shows), MS-Excel (Components of MS-Excel window, Editing and formatting cells in a worksheet, Introduction to Formulas, Sorting and filtering data, Macros, Features of Insert and Page layout tabs), Programming in QBasic, Networking and Cyber Safety.

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.

CLASS—VIII

20 Dec. 2024

Time : 1 hr.

Total Questions : 50

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

SOF INTERNATIONAL COMPUTER SCIENCE OLYMPIAD

SYLLABUS

Section – 1 : Verbal and Non-Verbal Reasoning.

Section – 2 : Fundamentals of Computers, Algorithms & Flowcharts (Advanced symbols), HTML & CSS [Html, Head, Title, Body (Attributes: Background, Bgcolor, Text, Link, Alink, Vlink), Font (Attributes: Color, Size, Face), Center, BR, HR (Attributes: Size, Width, Align, Noshade, Color), Comment tag(<!-- -->), <H1>..<H6>, <P>, <B>, <I>, <U>, <IMG>, Html Elements: A, Ul and Ol (Attributes: Type, Start), Li], Flash CS6, 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, Number System (Introduction), Cyber Safety, Operating Systems(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 10 and MS-Office 2016.

CLASS – IX

ICSO
SOF INTERNATIONAL COMPUTER SCIENCE OLYMPIAD

SYLLABUS   20-12-24

Total Questions : 50

Time : 1 hr.

Scan the QR code for more details

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

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.

CLASS-X

20-12-24

Total Questions : 50

Time : 1 hr.

Scan the QR code for more details

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

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.