CLASS
6

SCIENCE OLYMPIAD FOUNDATION

SAMPLE PAPER 2026-27

ICSO
SOF INTERNATIONAL COMPUTER SCIENCE OLYMPIAD

Total Questions : 50 | Time : 1 hr.

PATTERN & MARKING SCHEME

Section	(1) Logical Reasoning	(2) Computer Science	(3) AI, Robotics and 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 (Types of Computers, Hardware, Software and I/O Devices), History and Generation of Computers, Using Windows 11, 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 HTML & CSS (Html, Head, Title, Body, Comment tag (<!-- -->), <H1>--<H6>, <B>, <I>, <U>, <P> and Some More Basic Tags), Introduction to Scratch, 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 11 and MS-Office 2016.

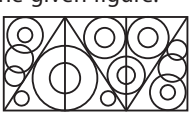
LOGICAL REASONING

1. Which of the following numbers will complete the given number series?

2, 7, 22, 67, 202, ?

(A) 607 (B) 404 (C) 604 (D) 407

2. Find the number of circles in the given figure.



(A) 17 (B) 14 (C) 18 (D) None of these

3. If South-West becomes North-East, North-East becomes South-West and so on, then which of the following directions becomes North?

(A) South (B) South-East (C) West (D) North-West

COMPUTER SCIENCE

4. Which of the following is true about the third generation of computers?

(A) Integrated circuit was introduced.

(B) Vacuum tubes were the main building blocks.

(C) Very large scale integration (VLSI) was introduced.
(D) Ultra large scale integration (ULSI) was introduced.

5. _____ is a standard communication protocol used to transfer computer files from one location to another on a computer network.
(A) Telnet (B) FTP (C) HTTP (D) NNTP

6. Which of the following devices is used to read the printed details including the bank name, branch and other sources of the particular code on the cheque?
(A)  (B)  (C)  (D) 

AI, ROBOTICS AND INFORMATION TECHNOLOGY

7. Which of the following statements is/are correct about artificial intelligence?
(i) It is the technology that enables computers and machines to simulate human intelligence.
(ii) It is the art and science of developing intelligent machines like humans.
(iii) Some common applications of AI are smart search, fraud detection, language processing, etc.
(A) (i) only (B) (ii) and (iii) only
(C) (i) and (ii) only (D) (i), (ii) and (iii)

8. Which of the following services is not provided by Google?
(A)  (B)  (C)  (D) 

ACHIEVERS SECTION

9. Identify the following.
- It refers to the collection of programs, and software components that enable a computer or computing device to function properly.
- It is a set of instructions, which is designed to perform a defined task, and it tells the computer how to work.

(A) Utility software (B) System software
(C) Application software (D) Both (B) and (C)

10. Select the correct statement(s) regarding networking device shown in the given image.



(A) It is a network adapter used to setup a wired network.
(B) It is a circuit board mounted on the computer motherboard.
(C) It has a MAC address that uniquely identifies the computer on the network.
(D) All of these

ANSWER KEY

1. (A) 2. (C) 3. (A) 4. (A) 5. (B) 6. (B) 7. (D) 8. (D) 9. (B) 10. (D)