CLASS
4

SCIENCE OLYMPIAD FOUNDATION

SAMPLE PAPER 2026-27

SOF INTERNATIONAL COMPUTER SCIENCE OLYMPIAD

Total Questions : 35 | 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	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 : Fundamentals of Computer (Parts of Computer, I/O Devices, Memory and Storage Devices and General Information about Computers), Evolution of Computers, 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 11, Introduction to Internet and Its Uses, Computer Networks, MS-Paint.

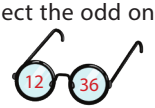
Section – 3 : Introduction to AI, Robotics, IT Gadgets, Devices, Apps, Computerization, and other Developments in the Field of IT.

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. Select the odd one out.

(A) 

(B) 

(C) 

(D) 

2. Select the combination of numbers so that the letters are arranged accordingly to form a meaningful English word.

E	B	O	D	L	U
1	2	3	4	5	6

(A) 2, 3, 5, 4, 6, 1 (B) 5, 3, 4, 1, 6, 2 (C) 4, 3, 6, 2, 5, 1 (D) 6, 3, 2, 5, 1, 4

3. Select the CORRECT mirror image of the given combination of digits.

61832

Mirror

(A) 2ɛ8ɬə (B) ƧƐ8ɬə (C) Ƨ38ɬə (D) ƧƐ8ɬə

COMPUTER SCIENCE

4. Which of the following options is used to recognize marks made on paper documents, such as forms that contains checkmarks, boxes, etc.?

(A) OMR (B) BCR (C) MICR (D) Cortana

5. Which of the following options do we need to get connected to the internet?

(1) An Internet Service Provider (2) A modem (3) A software

(A) (1) only (B) (2) only (C) (3) only (D) (1), (2) and (3)

6. Which of the following hardware devices makes use of a laser beam to produce an image on the drum, or uses a focused beam of light to transfer text and images onto paper?

(A) Daisy wheel printers (B) Laser printers

(C) Dot matrix printers (D) Inkjet printers

AI, ROBOTICS AND INFORMATION TECHNOLOGY

7. _____ is a translation service developed by Google to translate text, documents and websites from one language into another.

(A)  (B)  (C)  (D) 

8. Which of the following statements hold(s) true?

Statement 1 : The iPhone 15 Pro Max is a smartphone developed by Apple Inc.

Statement 2 : The Xbox is a game console developed by Sony.

(A) Only Statement 1 (B) Only Statement 2

(C) Both Statement 1 and Statement 2 (D) Neither Statement 1 nor Statement 2

ACHIEVERS SECTION

9. Which of the following steps has been performed to get Image-2 from the given Image-1 in MS-Paint of Windows 11?

(A) Right click on the picture → Click on Invert colour

(B) Right click on the picture → Click on Invert selection

(C) Right click on the picture → Click on Resize

(D) Right click on the picture → Click on Crop


Image-1


Image-2

10. What would be the output, if you perform the given steps in MS-Word 2016?

Step 1 : Type a text 'Computer Science'. Select the text.

Step 2 : Apply U and ~~abc~~ effects on the text.

Step 3 : Click on ab.

(A) ~~Computer Science~~ (B) Computer Science

(C) Computer ~~Science~~ (D) ~~Computer Science~~

ANSWER KEY

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