SCIENCE OLYMPIAD FOUNDATION

SAMPLE PAPER SYLLABUS 2023-24

NCO

CLASS 2

SOF NATIONAL CYBER OLYMPIAD

Total Questions : 35 | Time : 1 hr.

PATTERN & MARKING SCHEME			
Section	(1) Logical Reasoning	(2) Computers & IT	(3) Achievers Section
No. of Questions	5	25	5
Marks per Ques.	1	1	2

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, Latest Developments in the Field of IT.

Section – 3 : Higher Order Thinking Questions - Syllabus as per Section – 2.

Questions are based on Windows 10.

LOGICAL REASONING

1. Four equal groups of _____ butterflies each can be formed from the given butterflies.

(A) 5 (B) 4 (C) 3 (D) 10

2. Find the missing number, if same rule is followed either row-wise or column-wise.

(A) 48
(B) 38
(C) 18
(D) 28

48	38	94
15	10	49
33	?	45

3. Which letter is fourth to the left of the third letter from the right end?

(Right)

(A) O (B) T (C) A (D) L

COMPUTERS AND INFORMATION TECHNOLOGY

4. A computer needs _____ to run.

(A) Energy (B) Electricity
(C) Air and Water (D) Food

5. Which of the following parts runs our computer even during power failure?

(A)

(B)

(C)

(D)

6. Select the INCORRECT match regarding the keys with their results (assuming Caps Lock is currently off).

(A)

– 90

(B)

– &%

(C)

– B

(D)

– `1

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7. With the help of a mouse, Raju can _____.

(A) Point on menus
(B) Draw and paint
(C) Select multiple items
(D) All of these

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8. In _____, computers are quite useful in libraries and for preparing exam papers and reports.

(A) Schools
(B) Hospitals
(C) Defence
(D) Sports

ACHIEVERS SECTION

9. Computer is an advanced machine when compared to a calculator, because the computer _____.

(A) Can perform more complex mathematical calculations
(B) Can perform logical operations
(C) Has memory and can store large amount of data
(D) All of these

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10. What type of computers should you use to play games at your home?

(A) Mainframe computers
(B) Supercomputers
(C) Personal computers
(D) All of these

SPACE FOR ROUGH WORK

ANSWERS

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