 COMPUTER SCIENCE OLYMPIAD

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.

## LOGICAL REASONING

1. Four equal groups of $\qquad$ 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?

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

## COMPUTER SCIENCE

4. A computer needs $\qquad$ 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) $\begin{aligned} & 1 \\ & 9\end{aligned},\left[\begin{array}{l}1 \\ 0\end{array}\right]-90$
(B) $\begin{aligned} & 8 \\ & 7\end{aligned},\left[\begin{array}{l}\% \\ 5\end{array}\right]-\& \%$
(C) $\hat{\text { s shift }}+B-B$
(D)


## INFORMATION TECHNOLOGY

7. The app shown in the given image can be used to $\qquad$ .

(A) Share images,locations, etc.
(B) Make voice calls
(C) Make video calls
(D) All of these
8. A $\qquad$ is a wireless device that uses Bluetooth technology to connect to a smartphone, tablet, or computer to play audio.
(A) Bluetooth speaker
(B) Smart band
(C) Laptop
(D) Drone

## ACHIEVERS SECTION

9. Computer is an advanced machine when compared to a calculator, because the computer $\qquad$ .
(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
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

| ICSO - 1. | (A) | 2. | (D) | 3. | (C) | 4. | (B) | 5. | (C) | 6. | (B) | 7. | (D) | 8. | (A) | 9. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :--- | (D) $\quad$ 10. (C)

