11th

iiO International Informatics Olympiad

Presented by
SILVER ZONE FOUNDATION
Organized by
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CLASS 2nd   SYLLABUS & SAMPLE QUESTIONS

❖ Basics of Computer ❖ Input/ Output Processing ❖ Types of Monitor
❖ Introducing Keyboard ❖ Changing system's time and date
❖ Usage of Computers in daily life ❖ Drawing in paint brush ❖ Mental ability & Reasoning

The Actual Question Paper Contains 30 Questions. The Duration of the Test Paper is 60 Minutes.

1. In computing, which one of the following is a device that optically scans images, printed text, handwriting or an object and converts it into a digital image?

    (A) CD-ROM   (B) Scanner   (C) Printer   (D) Laptop

2. Given below the figures of the parts of a computer. Match them correctly with the details given on the other side.

    1.   (A) Used to type letters

    2.   (B) Resemblance with the mouse

    3.   (C) Displays the commands

    4.   (D) Works like a brain.

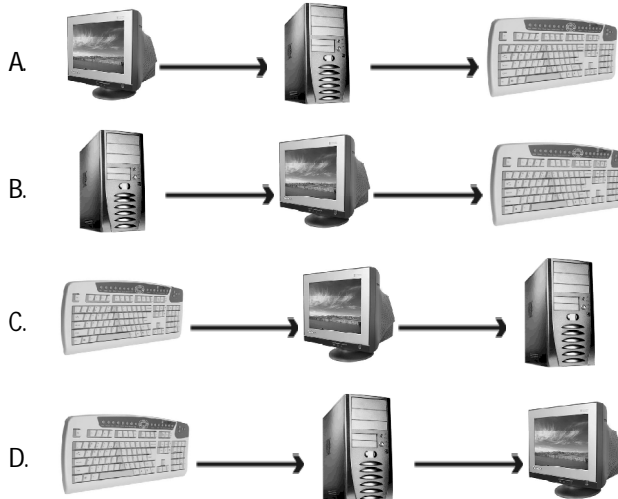   (A) 1->D, 2->C, 3->B, 4->A   (B) 1->A, 2->B, 3-C, 4->D
    (C) 1->C, 2->A, 3->B, 4->D   (D) 1->C, 2-> D, 3->B, 4->A

3. To get the solution of a problem, computer has to perform certain actions. Which one of the following is the correct sequence for entering input and getting the result?

A.

B.

C.

D.

4. As we know, the word COMPUTER means, a device that computes. What do you understand by COMPUTATION?
1. Performing Arithmetic Operations
2. Performing Logical Operations

(A) Only 1   (B) Only 2   (C) Both 1 and 2   (D) None of these

5. Which of the following options is/are true statement(s)?
(A) The Input is called DATA   (B) The output (Result) is called INFORMATION.
(C) Both (A) and (B) are false   (D) Boh (A) and (B) are true

6. CD-ROM stands for _____.
(A) Compact Disk Random Access Memory   (B) Compact Disk Read Only Memory
(C) Common Disk Read Only Memory   (D) None of these

7. Which one of the following statements is not an example of *Logical Operation*?
1. Family = Mother + Father + Brothers + Sisters
2. If Total Marks > 500 then Say "1st Prize"
3. If Brothers + Sisters > 4 Then Say "Big Family"

(A) Only 1   (B) Only 2   (C) Both 1 and 2   (D) Both 2 and 3

8. Which is/are the true statement?
1. Clicking the mouse implies clicking left button of the Mouse.
2. Right click implies pressing and releasing the right Mouse button once.
3. The right Mouse button is never double-clicked.

(A) Only 1 is correct   (B) Both 2 and 3 are correct
(C) Both 1 and 2 are true   (D) 1, 2 and 3 statements are correct

9. **Replace appropriate operators in the following expression.**
(3x9)- (18 divided by 3)
(A) (3x9)-(18 % 3)   (B) (3*9) - (18 - 3)
(C) (3*9) - (18 / 3)   (D) None of these

10. **In Windows Explorer, a Plus Sign (+) before a folder means:**
(A) It has no files   (B) It has folders or files
(C) It is an infected folder   (D) It is an important folder

11. **How does computer help a doctor to treat the patients?**
(A) Computer keeps the record of the patient.
(B) With the help of computer doctors examine the internal organ of a patient.
(C) Both (A) and (B)
(D) None of these

12. **Which of the following is true about input devices?**
(1) Flatbed is a type of scanner.
(2) Microphone is used as speaker with computer
(3) Lightpen helps you to draw pictures on monitor.
(A) Only 2 and 3   (B) All of them   (C) Only 1 and 3   (D) Only 1 and 2

13. **Which figure fits next in the sequence given below?**

Question Figure:

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

14. Fill in the empty box above with the correct picture from below.
(A)   (B)   (C)   (D)

15. **A flexible plastic disk coated with magnetic material and covered by a protective jacket, used primarily by computers to store very less amount of data.**
(A) Hard Disk   (B) Floppy Disk   (C) Pen Drive   (D) CD-ROM Disk

ANSWERS															
1.	B	2.	D	3.	D	4.	C	5.	D	6.	B	7.	A	8.	D
9.	C	10.	B	11.	C	12.	C	13.	C	14.	A	15.	B				