14th

iiO 2017 International Informatics Olympiad

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CLASS 2nd   SYLLABUS & SAMPLE QUESTIONS

❖ Basics of Computer ❖ Input/Output and Processing ❖ Keyboard and Mouse Usage ❖ Introduction to Window 10 ❖ Data and Information ❖ Introduction to Wordpad ❖ Usage of Computers in daily life ❖ Drawing in paint brush ❖ Mental ability & Reasoning

The Actual Question Paper Contains 40 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
(E) None of these

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
(E) None of these

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.

(E) None of these

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
3. Perform Controlling Operations

(A) Only 1 (B) Only 2 (C) Both 1 and 2 (D) Only 3
(E) None of these

5. The brain of any computer system is:

(A) ALU (B) Memory
(C) CPU (D) Control Unit
(E) None of these

6. CD-ROM stands for _____.

(A) Compact Disk Random Access Memory (B) Compact Disk Read Only Memory
(C) Common Disk Read Only Memory (D) Compact Data Random Access Memory
(E) 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 1 and 3
(E) None of these

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
(E) None of these

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) (3*9) - (18|3)
(E) None of these

10. The keys used to insert letters like A, B, C etc. are _____.
(A) Special keys   (B) Alphabet keys
(C) Navigation keys   (D) Function keys
(E) None of these

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) Computers can be used to perform research in health sector.
(D) All are correct
(E) 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) Only 1 and 3   (C) Only 1 and 2   (D) All are correct
(E) None of these

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

Question Figure:

(A)   (B)   (C)   (D)
(E) None of these

14. Fill in the empty box above with the correct picture from below.
(A)   (B)   (C)   (D)
(E) None of these

15. Using computer at offices makes the work _____.
(A) Slow   (B) Boring   (C) Fast   (D) Tedious
(E) None of these

ANSWERS

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