13th
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International Informatics
Olympiad

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 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

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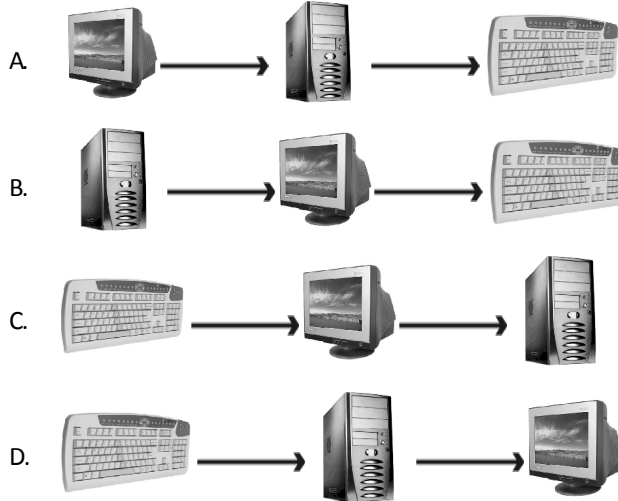
(A)   1->D, 2->C, 3->B, 4->A   (B)   1->A, 2->B, 3-C, 4->D
(C)   1->C, 2->A, 3->B, 4->D   (D)   1->C, 2-> D, 3->B, 4->A

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) Both (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 1 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. **The keys used to insert letters like A, B, C etc are _____.**
(A) Special keys   (B) Alphabet keys
(C) Navigation keys   (D) Function keys

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. **Using computer at offices makes the work _____.**
(A) Slow   (B) Boring   (C) Fast   (D) Tedious

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