14th ii◉ 2017 International Informatics Olympiad

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CLASS 4th SYLLABUS & SAMPLE QUESTIONS

❖ Introducing Computer Programming Languages ❖ Computer's Peripherals ❖ Primary Memory ❖ Secondary Memory ❖ Knowledge about data access mode ❖ Storage Capacity ❖ Access Time ❖ Introducing System Software ❖ Introducing Application Software ❖ Drawing in paintbrush ❖ Getting Started with MS-Word 2013 ❖ Making Comparison on Wordpad and Notepad ❖ Fundamentals of Windows 10 ❖ Getting Start with MS-Word 13 ❖ Mental ability & Reasoning

The Actual Question Paper Contains 50 Questions. The Duration of the Test Paper is 60 Minutes.

1. **Windows 10 is what type of software?**
   - (A) Utility Software
   - (B) Application Software
   - (C) System Software
   - (D) Package
   - (E) None of these

2. **BASIC, COBOL, LOGO, FORTRAN, etc. are some examples of _____.**
   - (A) Low-level languages
   - (B) High-level Languages
   - (C) Machine language
   - (D) Assembly Languages
   - (E) None of these

3. **These computers will have the capability of thinking on their own like a man with the help of Artificial Intelligence (AI). The 21st century will see better, faster, smaller and smarter computers."**
   The above statement is correct about:
   - (A) Second Generation Computers.
   - (B) Third Generation Computers.
   - (C) Fourth Generation Computers.
   - (D) Fifth generation Computer.
   - (E) None of these

4. **Steve works in Paintbrush. He wants to select any irregular shape or part of the picture. Which of the following option he will used?**
   - (A) Free-From Select
   - (B) Select
   - (C) Eraser
   - (D) Fill with color
   - (E) None of these

5. **Which of the following is/are correct statement(s) about *Speaker*?**
   1. Speaker is used to convert the electronic signal into audio signal.
   2. Speaker is used to convert the audio signal into electronic signal.
   - (A) Only 1
   - (B) Only 2
   - (C) Both 1 and 2
   - (D) Both are False
   - (E) None of these

6. **Fill in the blanks:**
   1. Secondary memory devices are ____ as compare to Primary memory (per MB)
   2. Secondary memory stores ____ amount of data as compare to Primary memory.
   3. Secondary memories are _____ as compared to Primary memories.
   - (A) Expensive, Less, Fast
   - (B) Cheaper, Large, Slower
   - (C) Cheaper, Small, Slower
   - (D) Expensive, Large, Fast
   - (E) None of these

7. Match the following:

1. RAM   i.   Rewritable memory chip
2. ROM   ii.   Written only once
3. PROM   iii.   Volatile
4. EPROM   iv.   Non-volatile

(A) 1 → iii; 2 → iv; 3 → ii; 4 → i
(B) 1 → iv; 2 → iii; 3 → ii; 4 → i
(C) 1 → i; 2 → ii; 3 → iii; 4 → iv
(D) 1 → ii; 2 → i; 3 → iv; 4 → iii
(E) 1 → iii; 2 → ii; 3 → iii; 4 → i

8. Which of following is a correct descending order according to their storage capacity?

(A) CD>DVD>HDD   (B) HDD>CD>DVD
(C) HDD>DVD>CD   (D) DVD>HDD>CD
(E) None of these

9. In MS-Word 2013, to select a sentence, click anywhere at the sentence by holding

(A) Ctrl key   (B) Shift Key
(C) Home Key   (D) End Key
(E) None of these

10. After typing a letter or a report, you would like to have a paper output or hard copy for future use. Which of the following options is/ are correct to print in MS Word?

(A) Page layout tab
(B) View tab
(C) Press Ctrl + P
(D) All of these
(E) None of these

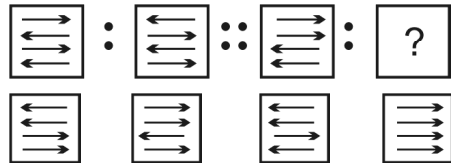**11. System software includes _____.**

(A) Operating system
(B) Device driver
(C) BIOS
(D) All of these
(E) None of these

12. Find out which figure is different from other three.

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

13. Which figure would fit in the question mark?

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

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