

15th 2018 International Informatics Olympiad



Organized by:
**SILVER
ZONE
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NEW DELHI - INDIA

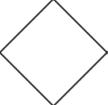
In association with:
COMPUTER LITERACY FOUNDATION
New Delhi, India
Promoting Computer Science Education
www.silverzone.org

CLASS 7th SYLLABUS & SAMPLE QUESTIONS

- ❖ Introducing Operating System (OS) ❖ Windows Explorer ❖ Types of Computer Languages
- ❖ Working with Microsoft Excel 2013 ❖ Working with Microsoft Powerpoint 2013 ❖ Working with HTML
- ❖ Computer Networking and its Usage ❖ Internet ❖ Working with Microsoft Word 2013
- ❖ Introducing Multimedia ❖ Mental ability & Reasoning

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

1. Which one of the following symbols is used for processing to make a flowchart of a program?

| | |
|---|---|
| (A)  | (B)  |
| (C)  | (D)  |

(E) None of these

2. While working with MS-Word 2013, Which one of the following key combinations is used to remove formatting (Bold, Italic, Underline, etc.) from selected text?

| | |
|-----------------------------|----------------------|
| (A) Ctrl + Shift + Spacebar | (C) Ctrl + Shift + R |
| (B) Ctrl + Spacebar | (D) Ctrl + R |
| (E) None of these | |

3. In the URL <http://www.silverzone.org>, which part is the protocol name?

| | |
|-------------------|----------------|
| (A) http | (B) www |
| (C) .org | (D) silverzone |
| (E) None of these | |

4. _____ are very large in size and usually placed in very large cabinets.

| |
|-------------------------|
| (A) Mini Computers |
| (B) Micro Computers |
| (C) Mainframe Computers |
| (D) Laptops |
| (E) None of these |

5. A bar found on top of a window, contains the name of the file or application. In many graphical user interfaces, including the Macintosh and Microsoft Windows interfaces, you move (drag) a window by grabbing this bar. What is it called?

| | |
|-------------------|----------------|
| (A) Menu bar | (B) Status Bar |
| (C) Scroll bar | (D) Title bar |
| (E) None of these | |

6. Connecting different computers in an organized manner is called

| | |
|-------------------|----------------|
| (A) Internet | (B) Intranet |
| (C) Routing | (D) Networking |
| (E) None of these | |

7. Match the following:

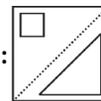
| A | B |
|-------------|--|
| 1. Assembly | i. Scientific calculation |
| 2. FORTRAN | ii. Business oriented language |
| 3. COBOL | iii. 2 nd Generation language |
| | iv. 1 st Generation language |

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

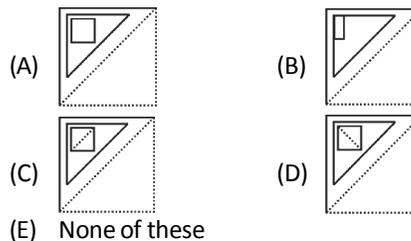
8. **What are Biometric Sensors ?**
 (A) Device used in hospitals for curing patients
 (B) Device used for the science practical in schools
 (C) A device used for the recognizing biological viruses
 (D) Used for security and access control management
 (E) None of these
9. **WINDOWS 10 is a _____ Operating System.**
 (A) Non GUI based (B) Multi-User
 (C) Both (A) and (B) (D) Single user
 (E) None of these
10. **VSAT stands for :**
 (A) Very Small Architecture Technology
 (B) Variable Standards for Advance Telephony
 (C) Very Small Aperture Terminal
 (D) Very Small Aperture Texture
 (E) None of these
11. **The storage subsystem in a microcomputer consists mainly of _____ or _____ media with varying capacities.**
 (A) Memory or video
 (B) Magnetic or optical
 (C) Optical or memory
 (D) Video or magnetic
 (E) None of these
12. **Mail Merge feature of Ms-Word 2013 is mainly used for:**
 (A) Merging emails in the document
 (B) For receiving mails in the document file
 (C) Generating the same document to multiple addresses
 (D) Merging multiple MS-Word documents
 (E) None of these

13. **Consider the following two statements:-**
Statement A: Universal Serial Bus (USB) drive is a serial bus standard based interface.
Statement B: USB does not require any expansion card to connect any peripheral to the computer.
Which of the following is correct with respect to the above statements?
 (A) Statement A is correct.
 (B) Statement B is correct.
 (C) Statement A and B both are correct.
 (D) Neither statement A nor statement B is correct.
 (E) None of these

14. **Figure out, from amongst the four alternatives, as to how the pattern would appear when the transparent sheet is folded at the dotted line.**



Question Figure :



(E) None of these

15. **Which number should come in place of question mark (?)**
- | | |
|----|---|
| 7 | 2 |
| 42 | 3 |
- | | |
|----|---|
| 9 | 1 |
| 18 | 2 |
- | | |
|---|----|
| 5 | -2 |
| ? | -3 |
- (A) 18 (B) 13
 (C) 30 (D) -30
 (E) None of these

ANSWERS

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