

International Informatics Olympiad



Organized by:

Silverzone Foundation

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For supremacy in Mathematics

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CLASS 11th SAMPLE QUESTIONS

The Actual Question Paper Contains 40 Questions. The Duration of the Test Paper is 50 Minutes.

SECTION - A

Fundamentals of Computer Science

- What is a compiler?
 - It translates entire source program into machine language program.
 - It translates instruction of a high level language into machine language.
 - It is not involved in execution of program.
 - All of these
- What is the other name of junk e-mail?
 - Spoof
 - Spam
 - Spool
 - Sniffer Script
- Which font is used by default in MS-Word 2013 document?
 - Times New Roman
 - Century
 - Impact
 - Calibri

SECTION - B

Computer Science (C++)

- Which of the following copies the actual value of an argument into the formal parameter of the function?
 - Call by value
 - Call by reference
 - Call by pointer
 - All of these
- Which of the following allows you to define a class in terms of another class?
 - Polymorphism
 - Abstraction
 - Interfaces
 - Inheritance
- Which is the correct syntax of for loop?
 - for (initialization; condition; increment/decrement)
 - for (initialization; condition; increment/decrement)
 - for (increment/decrement; initialization; condition)
 - for (initialization, condition, increment, decrement)

SECTION - C

Informatics Practices (Java)

- Which of the following keywords is used to manually throw an exception?
 - throw
 - try
 - catch
 - finally
- AWT stands for:
 - Absolute Windowing Toolkit.
 - Applet Windowing Toolkit.
 - Abstract Windowing Toolkit.
 - Average Windowing Toolkit.
- Which of the following is not necessary in variable declaration?
 - A data type
 - A semicolon
 - An identifier
 - An assignment

SECTION - D

Python

- Which of the following is required to create a new instance of the class?
 - Class
 - Constructor
 - A value-returning method
 - None method
- Which of the following lets us join characters from a string together by a character we specify?
 - join()
 - merge()
 - together()
 - split()
- Which of the following sequence(s) is/are supported by python?
 - str
 - list
 - tuple
 - All of these

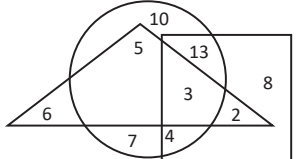
SECTION - E

Multimedia & Web Technology

13. Which of the following audio formats was developed by Microsoft?
- (A) Real Audio
(B) WAV
(C) MIDI
(D) AIFF
-
14. MMS stands for:
- (A) Multimedia System
(B) Multimedia Services
(C) Multimedia Messaging Services
(D) Multimedia Messaging System
-
15. The MPEG Format was developed for:
- (A) Audio
(B) Video
(C) Image
(D) All of these

SECTION - F

Reasoning and Aptitude

16. Find out the missing terms marked with '?'.
17, 35, 62, 111, 195, ?, 520
- (A) 235 (B) 342
(C) 327 (D) 308
-
17. In the following diagram, parallelogram represents women, triangle represents sub-inspectors of police and circle represents graduate. Which numbered area represents women graduate sub-inspectors of police?
- 
- (A) 5 (B) 8
(C) 3 (D) 13
-
18. Correct the following equations by interchanging the two signs:
 $16 + 4 \div 2 - 21 \times 7 = 21$
- (A) + and - (B) + and x
(C) - and \div (D) x and \div

ANSWERS

1. D 2. B 3. D 4. A 5. D 6. B 7. A 8. C 9. D 10. B
11. A 12. D 13. B 14. D 15. B 16. C 17. C 18. D