

ENROLLMENT NUMBER:

STUDENT NAME:

Class

4

Maximum Marks : 100  
Duration : 40 Minutes  
Total Questions : 30

Test Paper Type

**BB**

# *iiO* 21<sup>st</sup> INTERNATIONAL INFORMATICS OLYMPIAD 2024-2025

## Instructions for the Candidates

1. For filling up information about yourself on the OMR sheet, you will be given additional ten minutes before the start of the examination.
2. Write your 12-digit iiO Enrollment Number and your name on top of the Question Paper in the given space.
3. Do not forget to sign the OMR sheet. Also, write your Roll No. on the Question Paper Booklet, and do not take this home.
4. The Question Paper Booklet consists of 30 questions, divided into three sections.
5. Section-A: Computer Science (14 questions); Section-B: Reasoning and Aptitude (8 questions); Section-C: Scholar's Zone (8 questions).
6. Each question of Section-A carries 2 marks; Section-B carries 4 marks, and that of the Scholar's Zone carries 5 marks.
7. All the questions are compulsory, and there is no negative marking.
8. Use of a calculator or any other devices in the examination is strictly prohibited.
9. Choose only ONE OPTION as an answer.
10. BLUE/BLACK ball pen is preferred to darken the circle; however, in case of non-availability, an HB pencil can be used. Mark your choice of answer in the OMR sheet by darkening a circle, as shown below.  

(A) (B) (C) (D)
11. Rough work should be done on the blank sheet/space provided in the Question Paper Booklet.

1. What technology is commonly associated with the third generation of computers?
  - A. Vacuum tubes
  - B. Integrated Circuits
  - C. Microprocessors
  - D. Quantum chips





---

2. What output device creates physical copies of large-scale, high-precision drawings like maps or graphs.?
  - A. OMR Scanners
  - B. Plotter
  - C. Inkjet Printers
  - D. Webcam





---

3. Which of the following devices stores data temporarily?
  - A. Compact Disc
  - B. Random Access Memory
  - C. Blu-Ray Disc
  - D. Read Only Memory

---

4. Which of the following key combinations will you use to open File Explorer?
  - A.  + K
  - B.  + E
  - C.  + shift + E
  - D.  + F

---

5. Which of the following applications will you use to create a presentation?
  - A. 
  - B. 
  - C. 
  - D. 

---

6. DRAM stands for:
  - A. Disk Random Access Memory
  - B. Digital Random Access Memory
  - C. Direct Random Access Memory
  - D. Dynamic Random Access Memory

---

7. Which of the following is classified as application software?
  - A. Windows OS
  - B. Microsoft Word
  - C. BIOS
  - D. Device Driver

---

8. What is the name of the feature used to apply visual effects when moving between slides?
  - A. Slide Transition
  - B. Custom Animation
  - C. Design Template
  - D. Slide Sorter

---

9. In MS Word 2016, which feature allows you to modify and arrange text around an image or other object?
  - A. Text Direction
  - B. Align
  - C. Wrap Text
  - D. Rotate

---

10. Which of the following options allows you to break a word into multiple syllables in MS Word?
  - A. Word Wrap
  - B. Hyphenation
  - C. Paragraph Spacing
  - D. Spelling and Grammar

---

11. What is the primary function of a hyperlink in a document?
  - A. To add images to the text
  - B. To connect the document to an external file or webpage
  - C. To highlight important words
  - D. To insert a footnote

---

12. Which of the following options is the default browser of the Windows 10?
  - A. Google chrome
  - B. Microsoft Edge
  - C. Internet Explorer
  - D. Opera

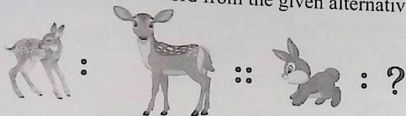
---

13. What is the primary function of antivirus software?
  - A. To speed up the computer
  - B. To protect the computer from malware and viruses
  - C. To install new applications
  - D. To recover deleted files

---

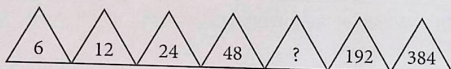
14. What is the primary function of a secondary storage device?
  - A. To enhance the computer's speed
  - B. To install the operating system
  - C. For networking purposes
  - D. To store data

15. Select the related word from the given alternatives.

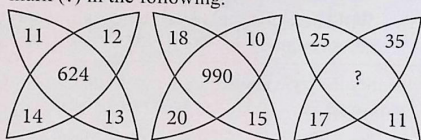


- A. B.   
 C. D.

16. Find the missing number in the number series given below.



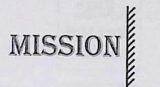
- A. 64 B. 96  
 C. 106 D. 144
17. Find the missing number in place of question mark (?) in the following.



- A. 690 B. 990  
 C. 1572 D. 1872
18. In a row of students, Aisha is 10th from the left, and Zahra is 18th from the right. If they interchange their positions, Aisha becomes 15th from the left. How many students are there in the row?
- A. 35 B. 32  
 C. 33 D. 30

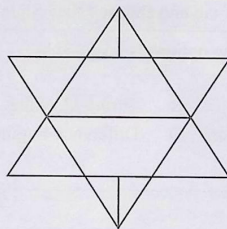
19. Mina starts from her house, heading towards East. She walks 16 km and takes a left turn. Again she walks 8 km and takes a left turn. Again she walks 8 km to reach her school. How much distance does she cover and in which direction her school is from her house?
- A. 32 km North-East  
 B. 22 km North-West  
 C. 16 km South-West  
 D. None of these

20. Find the mirror image.



- A. B.   
 C. D.   
 21. 'A' is the Daughter in law of D, who is the wife of B. F is the son of E, who is the only son of D So, how is 'B' related to 'F'?
- A. Father B. Uncle  
 C. Grandfather D. Brother-in-law

22. Find the number of triangles.



- A. 10 B. 12  
 C. 14 D. 16

Space for Rough Work

