

ENROLLMENT NUMBER:

STUDENT NAME:

Class

3

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

Test Paper Type

**BB**

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




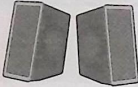
### Instructions for the Candidates

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.

## Section-A (Computer Science)

1. Find the odd one out from the options given below.
 

A. 	B. 
C. 	D. 

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2. Which of the following is an example of a web browser?
 

A. Google.com	B. Microsoft Excel
C. Mozilla Firefox	D. Bing

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3. Which of the following is an example of system software?
 

A. Microsoft Word	B. Windows Operating System
C. Photoshop	D. VLC Media Player

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4. What type of software is used to perform specific tasks such as writing a letter or playing a video?
 

A. System Software	B. Application Software
C. Operating System	D. Utility Software

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5. Which tab in MS Word is used to change the font style, size, and colour?
 

A. Home	B. Insert
C. Design	D. View

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6. What is a "tab" in a web browser?
 

A. A new page in the same window	B. A button to close the browser
C. A way to zoom in on a page	D. A tool to play music

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7. Where do you see the clock on your computer screen?
 

A. On the desktop	B. In the taskbar
C. In the start menu	D. In the recycle bin

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8. How can you undo the last change you made in MS Paint?
 

A. Press the 'Redo' button	B. Press the 'Save' button
C. Press the 'Undo' button	D. Press the 'Close' button





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9. Which of the following features is available in WordPad but not in Notepad?
 

A. Basic text editing	B. Inserting pictures and objects
C. Saving files as plain text (.txt)	D. Opening very large text files

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10. Which of the following options allows you to search your PC and the web, provides information about the weather, news, and sports, and does much more?
 

A. 	B. 
C. 	D. 

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11. Which of the following options should you use to check the size of a file while working with Windows?
 

A. Zip	B. Properties
C. Format	D. All of these

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12. Which of the following devices connects a computer to the internet?
 

A. Printer	B. Router
C. Modem	D. Scanner

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13. What is the name of the network that connects millions of computers globally?
 

A. Intranet	B. Internet
C. Extranet	D. LAN

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14. The computer part(s) which cannot be seen or touched is/are called:
 

A. Hardware	B. Software
C. Input devices	D. Output devices







## Section-B (Reasoning and Aptitude)

15. If X is the husband of Y, and Z is the mother of Y, what is the relationship between X and Z?
 

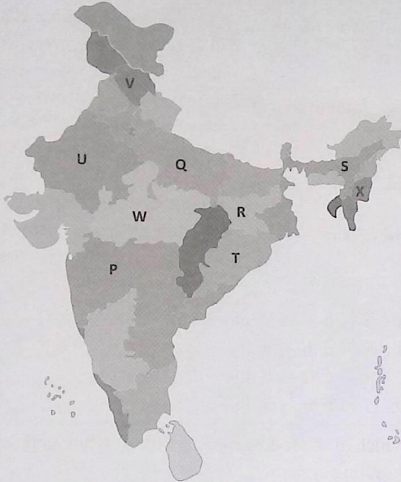
A. Father and daughter	B. Husband and wife
C. Son-in-law and mother-in-law	D. Son-in-law and father-in-law

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

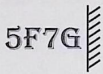
					
A. NM	B. EF	C. MO	D. MN		

17. There is a certain relationship between the pair of terms on either side of : :: based on the map shown below. Identify the relation between the pair and find the missing term.



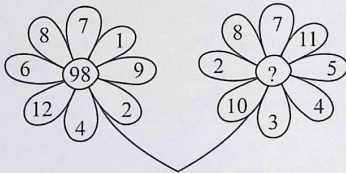
- Q \* U : Lucknow \* Jaipur :: X \* V : ?
- A. Imphal \* Mumbai    B. Aizawl \* Ranchi  
C. Kohima \* Shimla    D. Imphal \* Shimla

18. Find the mirror image.
















- A. Ɔɹɹǝ    B. 211ǝ  
C. Ɔɹɹǝ    D. Ɔɹɹǝ

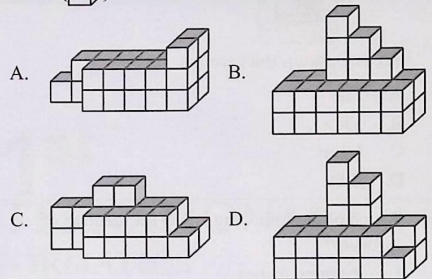
19. Which number will come in place of (?)



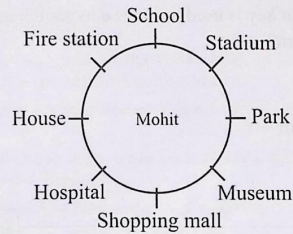
- A. 50    B. 75  
C. 88    D. 100

20. If '  ' is called '  ', '  ' is called is '  ', '  ' is called '  ' and '  ' is called '  ' then where does the teacher write in the classroom?
- A.     B.   
C.     D. 

21. In which one of the following figures, the number of cubes (  ) is more than 25 but less than 30?



22. Mohit is facing the school. He first makes a 3/4 turn to the left and then 1/2 turn to the right. What will he be facing now?



- A. Fire Station    B. Hospital  
C. Museum    D. House

Space for Rough Work

23. Which of these is an example of a web browser?

- A. Microsoft Word
- B. Google Chrome
- C. MS Paint
- D. Word pad

24. Which part of the browser shows the URL of the website you're visiting?

- A. Toolbar
- B. Address bar
- C. Status bar
- D. Title bar

25. Under which tab of MS Paint can the given icon be found?



Set as Desktop Background

- A. File
- B. View
- C. Insert
- D. Edit

26. Which of the following is NOT a function of software?

- A. Running games
- B. Printing documents
- C. Providing power to the computer
- D. Editing pictures

27. Which shortcut key is used to insert a hyperlink in Microsoft Word?

- A. Ctrl + K
- B. Ctrl + Y
- C. Ctrl + shift + Y
- D. Ctrl + H

28. Match the following terms given in column I with their descriptions given in column II.

Column I	Column II
i. Word Wrap	a. The process of making changes to text, such as correcting or modifying it.
ii. Editing	b. A feature that allows you to increase or decrease the size of your view of the document.
iii. Font	c. This allows you to change the writing style of the text.
iv. Zoom	d. The automatic movement of text to the next line when it reaches the end of the page.

- A. i → b, ii → c, iii → d, iv → a
- B. i → d, ii → a, iii → c, iv → b
- C. i → c, ii → b, iii → d, iv → a
- D. i → b, ii → a, iii → d, iv → c

29. Which of the following is/are the key functions of an operating system?

- i. *It allows users to interact with the computer.*
- ii. *It facilitates communication between hardware and software resources.*
- iii. *It manages files and directories on the computer.*
- iv. *It controls the functioning of external devices like the UPS.*

- A. ii and iv
- B. i, ii, and iii
- C. i and iii
- D. All of these

30. WordPad allows you to insert different types of colour text in a document. Which of the following options is used to change the colour of the text?

- A. View → Styles and Formatting
- B. Review → Font
- C. References → Border and Shading
- D. Home → Font

Space for Rough Work