

Do not start attempting the test paper until you are asked to do so.

ENROLLMENT NUMBER:

STUDENT NAME:

Class
1

Maximum Marks : 100
Duration : 40 Minutes
Total Questions : 25

Test Paper Type

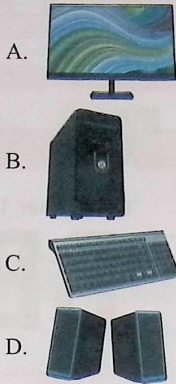
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iiO ^{21st} INTERNATIONAL INFORMATICS OLYMPIAD 2024-2025

Instructions for the Candidates

1. Write your 12-digit iiO Enrollment Number and your name on top of the Question Paper in the given space.
2. Please mark your choice of answer in the 'Junior OMR Sheet' Using Pencil or Pen.
3. The Question Paper Booklet comprises 25 questions, divided into three sections.
4. Section-A: Computer Science (15 questions); Section-B: Reasoning and Aptitude (5 questions); Section-C: Scholar's Zone (5 questions).
5. Each question of Section-A carries 3 marks; Section-B carries 5 marks, and that of the Scholar's Zone carries 6 marks.
6. All the questions are compulsory, and there is no negative marking.
7. Use of a calculator or any other devices in the examination is strictly prohibited.
8. Choose only ONE OPTION as an answer.
9. Rough work should be done on the blank sheet/space provided in the Question Paper Booklet.

1. Which of the following is not a main part of a computer?



2. Which of the following options is known as the brain of the computer?

A. Keyboard B. CPU
C. Printer D. Mouse

3. How many number keys are there on a keyboard?

A. 9 B. 10
C. 8 D. 11

4. Which one of the following options is something we can't do with a computer?

A. Playing games B. Going for a walk
C. Watching videos D. Typing letters

5. If you want to make your brush bigger or smaller in Ms Paint, which choice do you pick?

A. Color picker
B. Resize option
C. Brush size dropdown
D. Magnifier

6. What is the use of the Color Picker tool in MS Paint?

A. To draw straight lines
B. To select and copy a color from an existing part of the drawing
C. To erase parts of the drawing
D. To add text to the picture

7. What is the purpose of using a computer in the image shown?



A. To play games
B. To watch movies
C. To manage bills and inventory
D. To make video calls

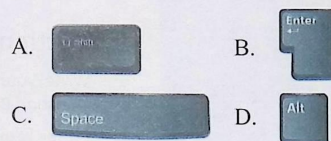
8. What is the full form of CPU?

A. Central Presenting Unit
B. Centre Process Unit
C. Central Processing Unit
D. Central Process Unit

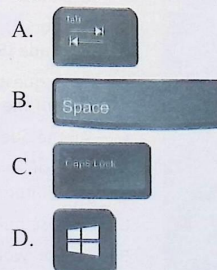
9. Which of the following button of a mouse do you press to open a file on the computer?

A. Right button B. Scroll button
C. Left button D. Both buttons together

10. Which key of a keyboard do we use to move to the next line?



11. Which key on the keyboard do you press to type a capital letter?



12. What is another common term used to refer to the layout of most keyboards?

- A. Azerty
- B. Qwerty
- C. Dvorak
- D. Colemak

13. What are the steps to turn on a desktop computer?

- A. CPU → UPS → Monitor → Power switch
- B. Power switch → UPS → CPU → Monitor
- C. Power switch → CPU → UPS → Monitor
- D. Monitor → Power switch → CPU → UPS

14. What happens if you turn off your computer without properly shutting it down?

- A. The computer will start faster next time
- B. Nothing bad will happen for sure
- C. It may cause data loss
- D. The computer will reset automatically

15. What does 'Sleep' mode do on a computer?

- A. Turns off the computer completely
- B. Restarts the computer
- C. Saves energy but keeps your work open
- D. Resets the computer

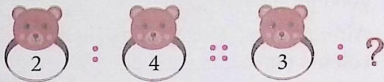
Section-B (Reasoning and Aptitude)

16. Which is the 6th person from the left end?



- A. Mina
- B. Raj
- C. Radhey
- D. Prem

17. Identify the relationship of the given pair and find the missing term.



- A.
- B.
- C.
- D.

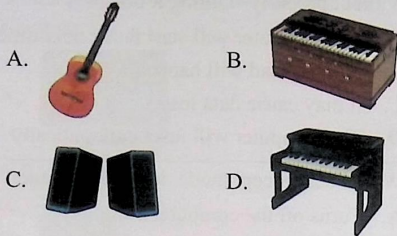
18. _____ equal groups of 5 candles each can be formed from the given candles.



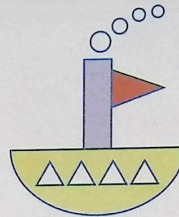
- A. 5
- B. 7
- C. 6
- D. 8

Space for Rough Work

19. Select the odd one out.



20. Identify the missing shape in the given figure.



- A. Circle
B. Triangle
C. Rectangle
D. Square

Section-C (Scholar's Zone)

21. Identify the image displayed and select its appropriate usage.



Webcam

- A. To take pictures and talk with friends on the computer
B. To listen to music and play songs on the computer
C. To draw and color pictures on the computer
D. To watch videos and movies on the computer

23. Which key is used to move the cursor to the beginning of the line?

- A. End key
B. Home key
C. Enter key
D. Space bar

24. Identify the displayed image, and choose the option that describes its name and function in MS Paint.



- A. Pencil Tool: Draws thin, straight lines and shapes
B. Brush Tool: Creates thick strokes and is good for painting.
C. Airbrush Tool: Creates soft, blended colours for shading and effects.
D. Eraser Tool: Removes parts of the drawing or artwork.

22. Read the following steps given, mark the correct output.

Steps:

- i. Type the word "WORDART"
ii. Press the BACKSPACE key twice
iii. Type the digits 4 and 5

- A. WORDA45
B. Worda45
C. WORDA54
D. WOrd5A4

25. Which one of the following devices is used to run computer when there is no electricity?

