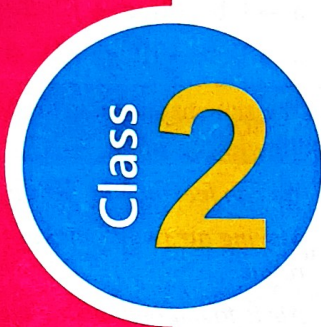


Do not start attempting the test paper until you are asked to do so.

ENROLLMENT NUMBER:

STUDENT NAME:



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

Test Paper Type

BB

STEM^{4th} INNOVATION OLYMPIAD 2025-2026

Instructions for the Candidates

1. Write your 12-digit STEM 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: Science (7 questions), Section-B: Technology & Engineering (10 questions) and Section-C: Mathematics (8 questions).
5. Each question of Section-A carries 4 marks, Section-B carries 4 marks, and Section-C carries 4 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.

Section-A (Science)

1. Match the animal to the sound it produces.

<i>Animal</i>	<i>Sound</i>
1. Owl	(a) Quack
2. Duck	(b) Trumpet
3. Elephant	(c) Hoot
4. Donkey	(d) Bray

Choose the correct matching option:

- A. 1-c, 2-a, 3-b, 4-d
 B. 1-d, 2-c, 3-a, 4-b
 C. 1-c, 2-b, 3-a, 4-d
 D. 1-b, 2-d, 3-c, 4-a
2. Plants can be classified into herbs, shrubs and trees based on their growth pattern. Select the group of plants, placed in the correct category.

Sunflower, Rose, Mint, Mango

Choose the correct option.

<i>Shrubs</i>	<i>Herbs</i>	<i>Trees</i>
A. Sunflower	Mango	Rose
B. Mango	Rose	Mint
C. Rose	Mint	Mango
D. Mango	Rose	Sunflower

3. Match column I with column II.

<i>Column I</i>	<i>Column II</i>
a. Cereal	I. Beetroot
b. Pulse	II. Cinnamon
c. Spice	III. Rye
d. Vegetable	IV. Chickpea

Choose the correct option:

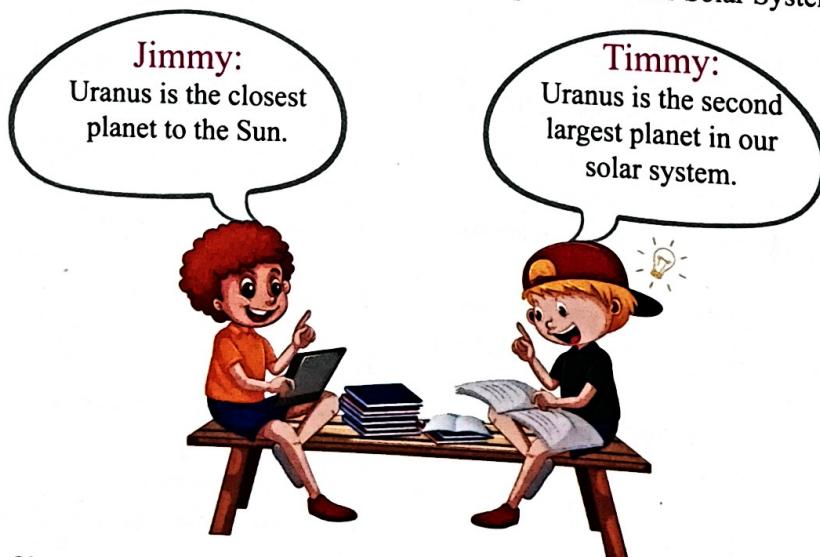
- A. a → III, b → IV, c → II, d → I
 B. a → IV, b → III, c → I, d → II
 C. a → I, b → II, c → III, d → IV
 D. a → II, b → III, c → IV, d → I
4. Read the statements about air carefully and answer the following question.

1. We can feel moving air on our face and hands.
2. Moving air (wind) makes the windmill blades rotate.
3. Air is found only inside balloons.
4. Gentle moving air is called a breeze.

Which of the above statements are correct?

- A. Only 1, 2, and 4 are correct
 B. Only 1 and 3 are correct
 C. Only 1, 3 and 4 are correct
 D. Only 2 and 3 are correct

5. Jimmy and Timmy were discussing about a planet of 'Our Solar System'.



Choose the correct option.

- A. Jimmy and Timmy both are correct
 B. Jimmy is correct but Timmy is incorrect
 C. Jimmy and Timmy both are incorrect
 D. Jimmy is incorrect but Timmy is correct

6. Read the following statements about water carefully.

1. *Plants and animals do not need water to live.*
2. *Rainwater can fill rivers, lakes, and ponds.*

Which of the above statements is/are correct?

- A. Both statements are correct
- B. Only Statement 1 is correct
- C. Only Statement 2 is correct
- D. Both statements are incorrect

7. Read the statements carefully and answer the following question.

1. *Eyes help us to see things around us.*
2. *Ears help us to taste food.*
3. *Nose helps us to smell and breathe.*
4. *Skin helps us to feel touch, heat, and cold.*

Which of the above statements are correct?

- A. Only 1, 3, and 4 are correct
- B. Only 1 and 2 are correct
- C. Only 2 and 4 are correct
- D. All statements are correct

Section-B (Technology and Engineering)

8. Which of the following options shows the correct steps to switch OFF a computer?

- A. Close all programs → Click on 'Shut Down' → Switch off the monitor and CPU
- B. Pull the power plug → Switch off the monitor → Close the keyboard
- C. Click on the speaker icon → Close the monitor → Remove the mouse
- D. Turn off the CPU → Press random keys → Unplug the keyboard

9. Which of the following options defines the term 'cursor'?

- A. A tool used to print documents
- B. A button that shuts down the computer
- C. A small blinking line or arrow
- D. A key used to erase letters

10. This special pen is used to write or draw directly on a touchscreen. What is it called?

- A. Stylus
- B. Marker
- C. Paintbrush
- D. Ink pen

11. Aarav was talking to a robot that answered his questions and played games with him. What is this robot using to help Aarav?

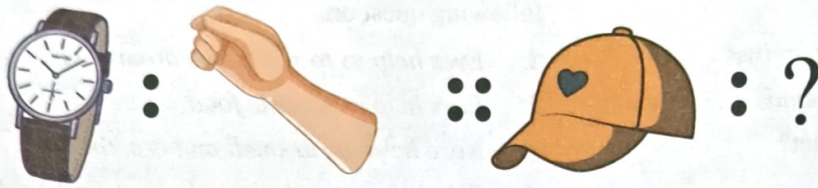
- A. Internet cable
- B. Artificial Intelligence
- C. Power switch
- D. Remote control





12. Which of the following shows the correct order of the IPO cycle in a computer?

- A. Process → Output → Input
- B. Output → Input → Process
- C. Input → Process → Output
- D. Input → Output → Process

Space for Rough Work

13. Identify the relationship of the given pair and find the missing image.



- A.  B.  C.  D. 

14. What is the position of Aashu from the right end?



- A. Second B. Third C. Fourth D. Fifth

15. Which of the following is the odd one out?



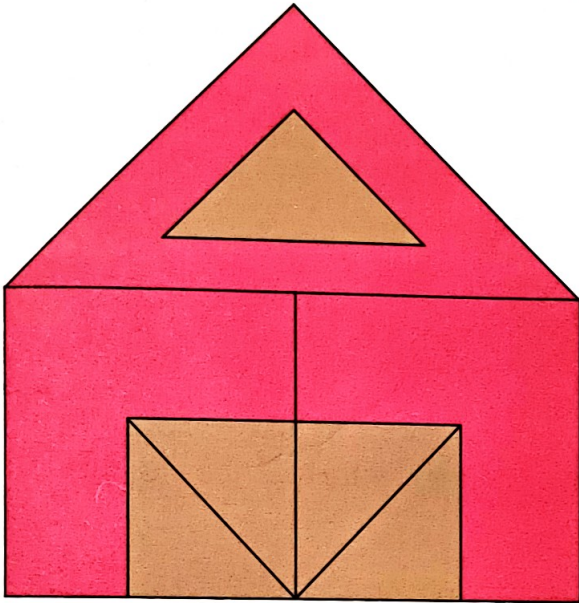
16. What will come in place of the question mark (?) in the given pattern?



- A.  B.  C.  D. 

Space for Rough Work

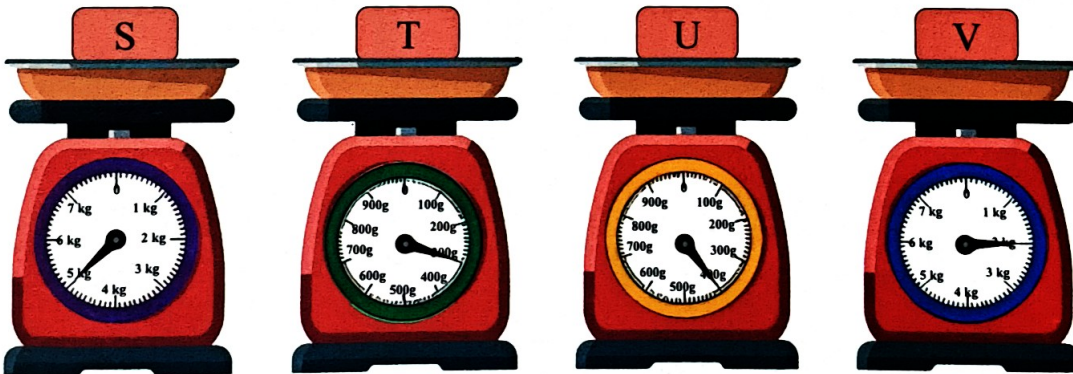
17. How many triangles and squares are there in the given figure?



- A. 5 triangles and 4 squares
 B. 6 triangles and 6 squares
 C. 7 triangles and 4 squares
 D. 7 triangles and 6 squares

Section-C (Mathematics)

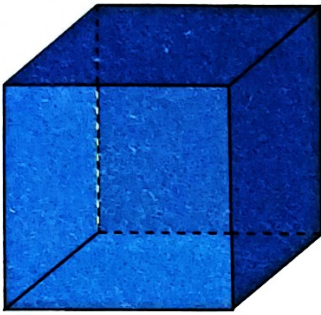
18. Arrange the following in order of increasing weights.




- A. $T < U < V < S$
 B. $U < T < V < S$
 C. $S < V < T < U$
 D. $V < S < T < U$

Space for Rough Work

19. How many corners are there in the given shape?

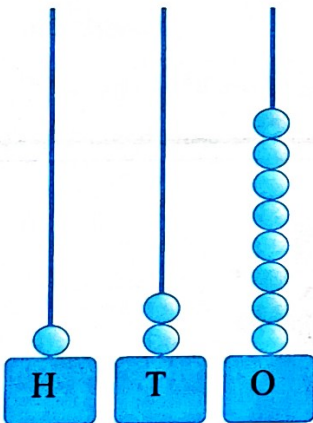


- A. 5 B. 6 C. 7 D. 8

20. If there are 6 roses in a  group, then how many roses are there in 8 such groups?


- A. 36 B. 48 C. 56 D. 64

21. Which number is greater than the number given on the abacus?



- A. 100 B. 111 C. 120 D. 130

Space for Rough Work

22. If  = 10 trees, then which one of the following represents 70 trees?



23. How many total days are there in July and August?

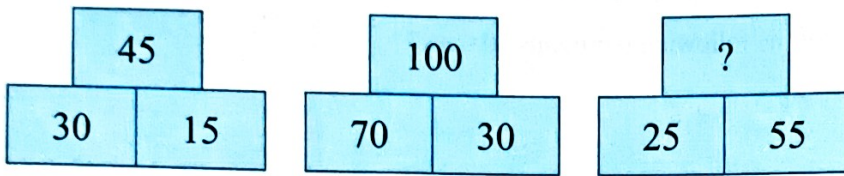
- A. 60 B. 61 C. 62 D. 63

24. Which one is the correct representation of ₹450?



Space for Rough Work

25. Which number will replace the question mark in the given pattern?



- A. 70
- B. 80
- C. 90
- D. 100

Important Actions

OMR

Download
OMR SHEET
For Practice

Familiarise yourself with the OMR sheet to save time and boost your confidence.

SCAN TO DOWNLOAD



SYLLABUS

Analyse
DETAILED SYLLABUS
With Marking Scheme

Unit-wise marking scheme given for effective preparation.

SCAN TO ACCESS



Scan first, then select the subject from the menu.

PRACTICE

Attempt
MOCK TEST
To Evaluate Your Readiness

Free mock tests are available for all classes and subjects.

SCAN TO START



SCAN TO
DOWNLOAD

Instant Access to Previous Years' Question Papers

SilverZone's Question Bank offers a curated collection of past papers, helping students instantly access and understand the Olympiad exam pattern.

