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EtG BOOKS

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NATIONAL INTERACTIVE MATHS OLYMPIAD

NIMO

4 Class

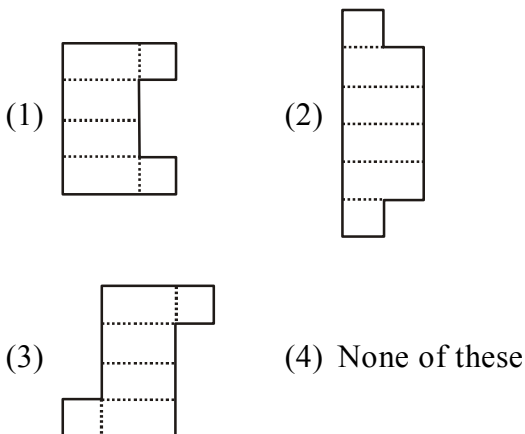
B1 Paper Code

IMPORTANT INFORMATION

- You are allowed additional 10 minutes to fill the required details in the **RESPONSE SHEET**.
- The question paper is made as per syllabus guidelines & pattern given in the information Booklet. The Question Paper for Classes 1 to 6 contains 25 Questions each to be answered in 40 minutes. The Question paper for classes 7 to 12 contains 50 Questions each to be answered in 60 minutes. All questions are compulsory. Further instructions are given in the instruction letter to the coordinator teacher.
- Use the response sheet to mark your responses by darkening the required circle. The response sheet has to be returned to the foundation, duly filled in. The student can retain the Question Paper.

MENTAL ABILITY

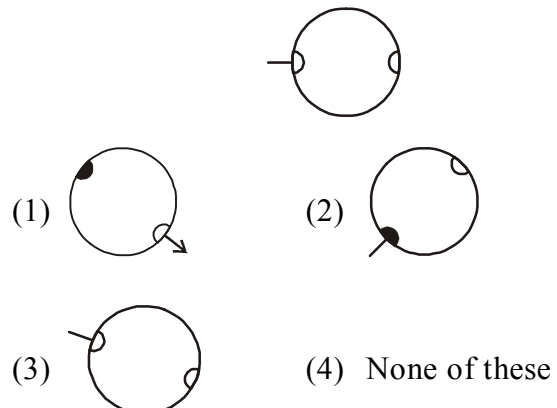
1. Bittu folded a paper to make the box shown below. Which of the following paper could represent the paper Bittu folded?



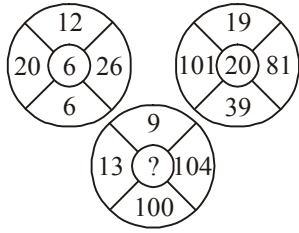
2. How many dots will be in the eighth step?



- (1) 64 (2) 24
(3) 16 (4) None of these
3. Which two shapes can be put together side by side to make a rectangle?
- (1) (2) (4) None of these
(3)
4. Identify the figure which is nearest in shape to the figure given.



5. Select the right option which can be placed at the sign of interrogation?



- (1) 83 (2) 109
(3) 91 (4) None of these

MATHEMATICS

6. $\frac{3}{5} \div \frac{4}{5} = \square$

- (1) $\frac{3}{4}$ (2) $\frac{3}{5}$
(3) $\frac{1}{5}$ (4) None of these

7. $\frac{200}{300} = \underline{\hspace{2cm}}$

- (1) $\frac{2}{3}$ (2) $\frac{20}{3}$
(3) $\frac{2}{30}$ (4) None of these

8. The hens on the farm have laid 54 eggs. The farmer is sorting the eggs into trays. If each tray can hold 10 eggs, how many full trays will he have?

- (1) 9 (2) 5
(3) 10 (4) None of these

9. 290 rupees and 1100 paise = \square Rs

- (1) 301 (2) 311
(3) 40 (4) None of these

10. Find A, B, C respectively

$7 \overline{)35} \begin{matrix} 5 \\ \square \\ \square \end{matrix} \div \begin{matrix} \square \\ \square \end{matrix} = \begin{matrix} \square \\ \square \end{matrix}$

- (1) 2, 5, 35 (2) 35, 7, 5
(3) 5, 35, 7 (4) None of these

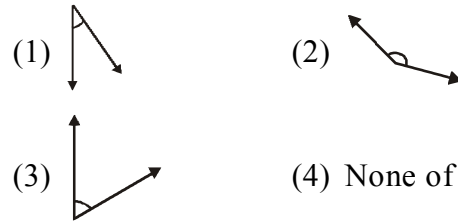
11. Find the next 3 numbers in given series :
105, 108, 111.....

- (1) 114, 117, 120 (2) 113, 116, 120
(3) 112, 115, 117 (4) None of these

12. In a parking lot, 1 out of every 8 cars is blue. What percent of the cars in this lot are blue?

- (1) 1.25% (2) 12.5%
(3) 9% (4) None of these

13. Which angle is greater than a right angle?



14. Write three odd numbers just after 160

- (1) 161, 162, 163 (2) 161, 163, 165
(3) 161, 163, 164 (4) None of these

15. If the sum of 4374 and 8504 is subtracted from 26310, what number do we get as the difference?

- (1) 22, 180 (2) 12, 878
(3) 13, 432 (4) None of these

16. Rashi had 17 Ltr 759 ml of milk. In preparing coffee for a party, 9 Ltr 200 ml of milk was used. How much of milk was left in the can?

- (1) 8 Ltr 559 ml (2) 8 Ltr 359 ml
(3) 10 Ltr (4) None of these

17. Divide: $136 \div 8 =$

- (1) 71 (2) 15
(3) 17 (4) None of these

18. Which of the following results in an even number?

- (1) $19 + 34$ (2) $25 + 25$
(3) $41 + 40$ (4) None of these



- 19.

No. of triangles in the given figure is

- (1) 5 (2) 4
(3) 6 (4) None of these

20. Look at this table:

Favourite fruits		
Fruit	Girls	Boys
Oranges	75	15
Peaches	317	157
Pears	95	172
Bananas	101	46
Apples	91	197

How many children voted for both Banana & Peaches?

- (1) 621 (2) 147
 (3) 462 (4) None of these

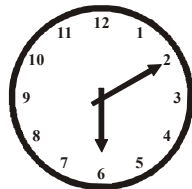
ETG INTERACTIVE SECTION

21. What time was it 35 minutes ago?



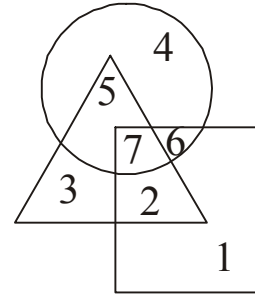
- (1) 2 : 55 (2) 3 : 05
 (3) 2 : 50 (4) None of these

22. If it takes you 1 hour 10 minutes to reach school, at what time will you be there, if you leave now?



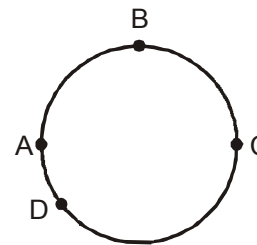
- (1) 7 : 20 (2) 7 : 00
 (3) 6 : 30 (4) None of these

23. In the figure below, a rectangle, triangle and circle overlap, and the different regions formed are numbered 1 to 7. For example, region 1 is in the rectangle, but not in the circle or triangle. How many regions are exactly in the two regions?



- (1) 1 (2) 2
 (3) 3 (4) None of these

24. Which two points on joining cut the circle in half?



- (1) A & B (2) A & C
 (3) D & C (4) None of these

25. How many  are in  ?

- (1) 1 (2) 2
 (3) 3 (4) None of these



END OF THE EXAM

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