

MATHS OLYMPIAD

PRACTICE BOOK



GRADE
1

The Math Olympiad series is an initiative of International Society for Olympiad (ISFO)
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Preface

Our education system effectively provides an introduction to the concepts of Math and Science and helps us understand the underlying concepts. But in its overly generalized approach, which aims to enlighten and test all students of varying caliber and interests, it leaves the exploration of application of all these concepts completely on the students.

This workbook is designed to enable students to explore Maths effectively. Designed in accordance with the requirements of the Maths Olympiads, the workbook is an efficient tool to achieve comprehensive success at the **ISFO – Maths Olympiad**.

The main aim of this workbook is to assist students in developing and improving their ability to solve problems.

Each chapter of the book consists of 3 sets of questions.

- **Section A** (Mathematical Reasoning) : This section is created to test the knowledge of mathematical concepts and topic pertaining to the respective grades.
- **Section B** (Everyday Maths) : This section deals with the application.
- **Section C** (BrainBox) : Questions to prepare students with HOTS (Higher Order Thinking Skills) based on the syllabus provided.

Logical Reasoning section is provided to equip students with verbal and non-verbal analysis and reasoning skills.

Sample Test Papers and Answer keys have been provided to accelerate the learning process.





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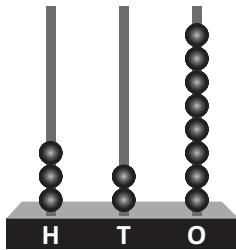
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Numbers to 1000

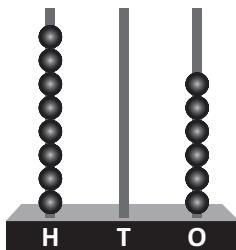
SECTION - A : MATHEMATICAL REASONING

1. Count the beads on the abacus.
Choose the correct option.



- a. 238 b. 328
c. 327 d. 237

2. Count the beads on the abacus.
Choose the correct option.



- a. 816 b. 608
c. 806 d. 816

3. Choose the correct numeral for four hundred three.

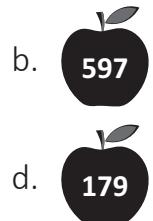
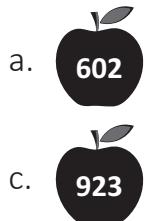
- a. 430 b. 4003
c. 403 d. All of these

4. Which of the following is the greatest?

- a. b.



5. Which of the following is the smallest?



6. In 916, '9' is in the _____ place.

- a. ones b. tens
c. hundreds d. hundredth

7. _____ is 10 less than 370.

- a. 380 b. 270
c. 360 d. 470

8. _____ is between 819 and 821.

- a. 818 b. 802
c. 820 d. 812

9. Choose the smallest number from the following options.

- a. 100 b. 101
c. 102 d. 103

10. Which of the following statements is incorrect?

- a. $119 > 109$ b. $308 = 308$
c. $927 < 729$ d. $701 < 710$

11. Which of the following is the correct arrangement of the given numbers from the smallest to the greatest?



- a. 483, 409, 431
- b. 431, 483, 409
- c. 409, 483, 431
- d. 409, 431, 483

12. Which of the following numbers complete the given number pattern?

100, 125, 150, 175, _____

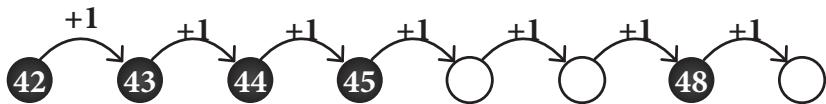
- a. 185
- b. 200
- c. 215
- d. 225

13. Which of the following is the correct order of the given numbers from the smallest to the greatest?



- a. 125, 512, 251
- b. 512, 251, 125
- c. 125, 251, 512
- d. 251, 512, 125

14. Study the given pattern carefully. Which of the following set of numbers (in order) can correctly fill in the circles?



- a. 47, 46, 49
- b. 46, 47, 49
- c. 49, 47, 46
- d. 46, 49, 47

15. Which of the following is not equal to 869?

- a. 8 hundreds 6 tens 9 ones
- b. 8 hundreds 5 tens 19 ones
- c. 7 hundreds 17 tens 9 ones
- d. 7 hundreds 15 tens 19 ones

SECTION - B : EVERYDAY MATHS

16. How many 10-rupee notes can one exchange for two 50-rupee notes?



- a. 10 b. 12
c. 14 d. 16

17. Four friends are seated in a row. Anil is between Ankur and Anubhav. Anubhav is between Anil and Ankit. Who is seated at one end?

- a. Anil
b. Anubhav

- c. Ankur
d. None of these

18. In a row, Siya is 7th from the front, and Shweta is 10th from the front. How many people are there between Siya and Shweta?

- a. 1 b. 2
c. 3 d. 4

19. Arvind has ₹499. Varun has ₹1 less than Arvind. Ahmad has ₹849 and Sambit has ₹507. Who has the maximum amount of money?

- a. Arvind b. Ahmad
c. Varun d. Sambit

20. In a maths test, Ria scored 7 less than the greatest 2-digit number. What was her score?

- a. 92 b. 93
c. 94 d. 3

SECTION - C : BRAINBOX

21. In a society, the house numbers start from 0 and end at 627. How many houses are there in the society?

- a. 625 b. 627
c. 626 d. 628

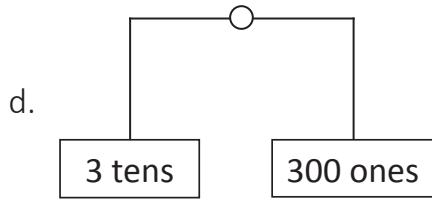
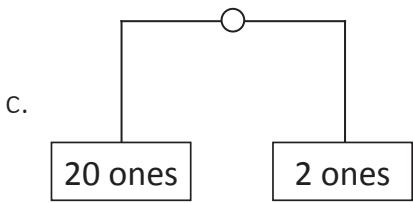
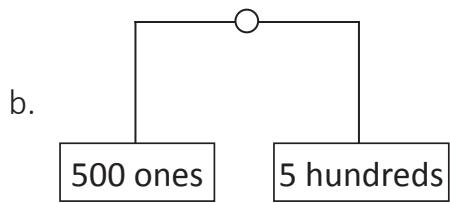
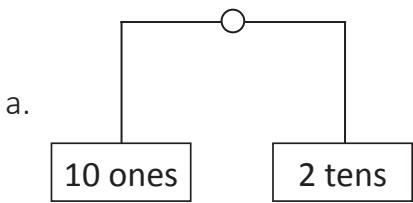
- a. 4 b. 5
c. 6 d. 14

22. In a building, flat numbers are between 1 to 50. If each flat number ends with 3, then how many flats are there in all?

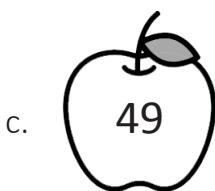
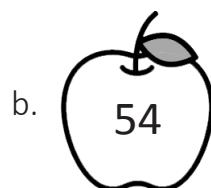
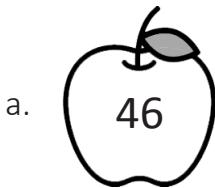
23. The last three digits of a phone number are in such a way that the digit in the hundreds place is double the digit in the tens place and the digit in the ones place is 0. Which of the following can be those last three digits?

- a. 200 b. 000
c. 110 d. 220

24. Which of the following balances is correct?



25. I am a two digit number. I am more than 45 but less than 55. The sum of my digits is 9. Who am I?



Darken your choice with HB pencil

1. a b c d
2. a b c d
3. a b c d
4. a b c d
5. a b c d
6. a b c d
7. a b c d

8. a b c d
9. a b c d
10. a b c d
11. a b c d
12. a b c d
13. a b c d
14. a b c d

15. a b c d
16. a b c d
17. a b c d
18. a b c d
19. a b c d
20. a b c d
21. a b c d

22. a b c d
23. a b c d
24. a b c d
25. a b c d

Addition and Subtraction

SECTION - A : MATHEMATICAL REASONING

1. Which of the following is not same as $94 + 26$?

- a. $63 + 57$
- b. $77 + 43$
- c. $78 + 41$
- d. $81 + 39$

2. _____ is 27 more than 926.

- a. 952
- b. 953
- c. 954
- d. 955

3. 5 hundreds 4 tens 9 ones
 $- 2$ hundreds 3 tens 4 ones =

- a. 251
- b. 315
- c. 351
- d. 531

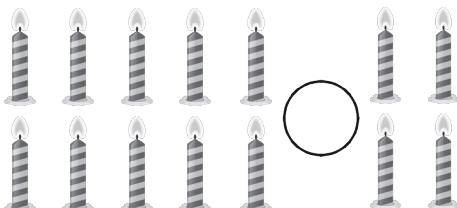
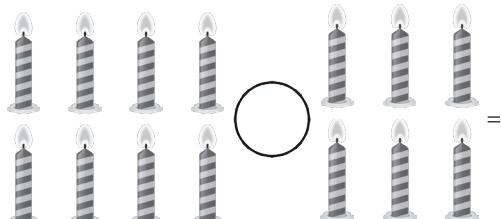
4. _____ is 15 less than 560.

- a. 545
- b. 554
- c. 455
- d. 454

5. $198 + 14$ tens is

- a. 338
- b. 298
- c. 378
- d. 289

6. Which of the following set of signs can make the number sentences true?



- a. $+, +$
- b. $+, -$
- c. $-, -$
- d. $-, +$

7. Study the given pattern.

$$\text{jug} + \text{jug} = 12$$

$$\text{jug} + \text{mug} + \text{jug} = 20$$

The value of  is

- a. 5
- b. 6
- c. 7
- d. 8

8. When 300 is added to a number, it becomes 450. What is the number?

- a. 150
- b. 250
- c. 175
- d. 225

9. The difference between 920 and 420 is

- a. 510
- b. 520
- c. 310
- d. 420

10. 6 hundreds 4 tens 5 ones –
3 hundreds 2 ones is equal to

- a. 343 b. 433
c. 403 d. 340

11. What number is 268 less than 900?

- a. 630 b. 633
c. 632 d. 635

12. $\diamond + 17 = 127$

What is the value of \diamond ?

- a. 10 b. 110
c. 101 d. 210

13. $81 \xrightarrow{-20} \square \xrightarrow{-4} \square$

The numbers in the boxes are

- a. 61 and 57, respectively
b. 61 and 55, respectively
c. 61 and 53, respectively
d. 61 and 51, respectively

14. 20 tens less than the sum of 472
and 293 is

- a. 565 b. 564
c. 560 d. 562

15. Rakesh has 20 more stickers than
Mark. If Mark has 61 stickers, then
how many stickers does Rakesh
have?

- a. 41 b. 81
c. 71 d. None of these

SECTION - B : EVERYDAY MATHS

16. Pawan spent ₹24 on a music CD and
₹39 on a movie DVD. How much did
he spend altogether?

- a. ₹53 b. ₹54
c. ₹63 d. ₹64

17. 2 years ago, Linda was 12 years old.
How old would she be after 3 years?

- a. 15 years b. 14 years
c. 17 years d. 5 years

18. Radha had 108 bookmarks. She
gave some bookmarks to her
students. Now, she is left with 9
bookmarks. How many bookmarks
did she give away?

- a. 100 b. 109
c. 99 d. 119

19. School A has 354 students. It has
32 more students than in School B.
How many students does School B
have?

- a. 386
b. 322
c. 674
d. 034

20. Megha picked 275 apples. Deepa
picked 87 fewer apples than Megha.
How many apples did Deepa pick?

- a. 188
b. 186
c. 184
d. 182

SECTION - C : BRAINBOX

21. There are 3 cows and 2 ducks in a farm. How many total legs are there in the farm?

- a. 10 b. 16
c. 5 d. 24

22. Niraj read one page of a story book on the 1st day. He read two pages of the book on the 2nd day, three pages on the 3rd day, four pages on the 4th day, five pages on the 5th day, six pages on the 6th day and seven pages on the 7th day. How many pages did he read in a week?

- a. 28 b. 49
c. 14 d. 42

23. Mohit has three 2-rupee coins and two 5-rupee coins. How much total amount does he has in all?

- a. ₹13 b. ₹16
c. ₹10 d. ₹19

24. Ahmad's house is 3 km far from his school. His school is 5 km far from his father's shop. One day Ahmad went to school and then to the shop. If he returned home in the same way, then how much distance did he cover during the entire journey?

- a. 16 km b. 8 km
c. 13 km d. 11 km

25. Varun has ten 10-rupee notes and he gets two 5-rupee notes from his father. If he gives ₹27 to his mother, then how much money does he have now?

- a. ₹137 b. ₹135
c. ₹105 d. ₹83

Darken your choice with HB pencil

1. a b c d
2. a b c d
3. a b c d
4. a b c d
5. a b c d
6. a b c d
7. a b c d

8. a b c d
9. a b c d
10. a b c d
11. a b c d
12. a b c d
13. a b c d
14. a b c d

15. a b c d
16. a b c d
17. a b c d
18. a b c d
19. a b c d
20. a b c d
21. a b c d

22. a b c d
23. a b c d
24. a b c d
25. a b c d

Multiplication and Division

SECTION - A : MATHEMATICAL REASONING

1. $4 \times \triangle = 20$

$5 \times \triangle = 25$

$10 \times \triangle = 50$

The value of \triangle is

- a. 4 b. 5 c. 3 d. 2

2. $4 + 4 + 4 + 4 + 4 + 4 = \square \times 4$. The number in the box is

- a. 5 b. 6 c. 3 d. 4

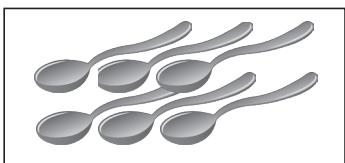
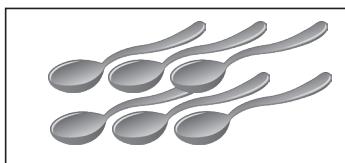
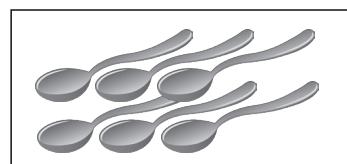
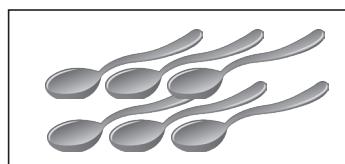
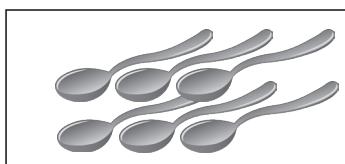
3. $\triangle + \triangle + \triangle + \triangle = 28$

The value of \triangle is

- a. 7 b. 4 c. 11 d. 12

4. There are 5 boxes. The number of spoons in each box is _____.

The total number of spoons in 5 boxes is _____.



- a. 5, 6
c. 30, 6

- b. 6, 30
d. 6, 6

5. Which of the following set of numbers (in order) can complete the given number sentences?

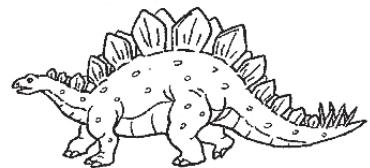
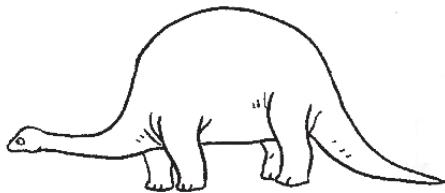
(i) $40 \div 4 =$ _____ (ii) $10 \times 4 =$ _____

- a. 10, 40 b. 40, 10 c. 10, 4 d. 4, 10

6. $36 \div 4$ is equal to

- a. 6 b. 7 c. 8 d. 9

7. 1 dinosaur has 4 legs. 3 dinosaurs have _____ legs.



- a. 12 b. 11 c. 7 d. 8

8. Joy arranges 90 beads in 10 rows. There are _____ beads in each row.

- a. 8 b. 9 c. 10 d. 90

9. If one cupcake costs ₹2, then what is the cost of

i) 6 cupcakes ii) 9 cupcakes

- a. ₹4, ₹6 b. ₹12, ₹18 c. ₹6, ₹4 d. ₹18, ₹12

10. A 27 m long string is cut into 3 equal pieces. The length of each piece of the string is

- a. 6 m b. 7 m c. 8 m d. 9 m

11. = 7 apples

= _____ apples

- a. 10 b. 70 c. 21 d. 7

12. 5 less than 7×5 is

- a. 40 b. 35 c. 30 d. 50



Group these 6 mangoes into 2 equal groups. There are _____ mangoes in each group.

- a. 3 b. 2 c. 6 d. 1



Group these apples into groups of 4.

There are _____ apples in each group.

- a. 7 b. 4 c. 5 d. 8

15. Six pencils cost ₹30. How much does 1 pencil cost?

- a. ₹10 b. ₹3 c. ₹6 d. ₹5

SECTION - B : EVERYDAY MATHS

16. The mother distributes 45 marbles to her sons. How many marbles does each son get?

- a. 5 b. 7 c. 9 d. 10

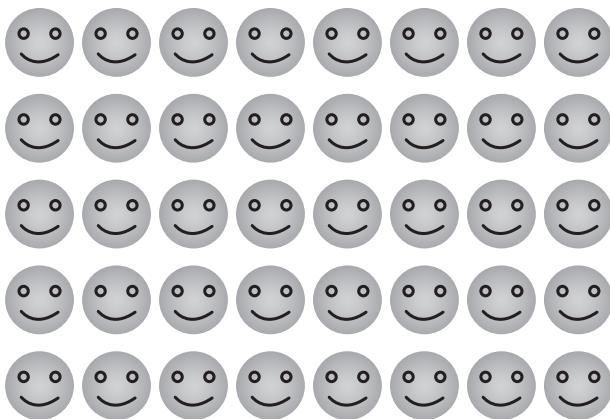
17. There are 6 flowers in each vase. There are 2 vases on the table. How many flowers are there in all?

- a. 8 b. 10 c. 12 d. 4

18. A postman has 9 bundles of letters to deliver. There are 10 letters in each bundle. How many letters does the postman have to deliver in all?

- a. 10 letters b. 90 letters c. 70 letters d. 100 letters

19. The total number of students going for an exhibition is shown by the smiley faces. Only 10 students can travel in one bus. How many buses are needed?

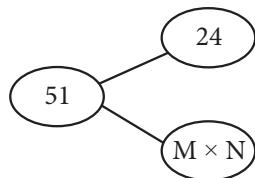


- a. 4 b. 3 c. 360 d. 36
20. Shally and her 2 friends have 5 hair clips each. How many hair clips do they have altogether?
- a. 5 b. 10 c. 15 d. 7

SECTION - C : BRAINBOX

21. A number bond is shown in the given figure.

What is the value of $M \times N$?



- a. 6 b. 9 c. 12 d. 27

22. Mr Lokesh bought 2 boxes of cakes. There were 10 cakes in each box. His students ate 9 cakes. How many cakes was he left with?

- a. 11 b. 2 c. 10 d. 4

23. Suresh had 112 buns. He packed 8 buns each into 5 packets. How many buns was he left with?

- a. 72 b. 70 c. 99 d. 125

24. On a farm, there were 3 cows and 4 hens. How many legs were there altogether?

- a. 8 b. 16 c. 18 d. 20

25. Some wedding guests came in 5 cars. In the first four cars, there were 5 guests each. The 5th car had an extra guest than in the other cars. How many guests were there altogether?

- a. 24 b. 25 c. 26 d. 27

Darken your choice with HB pencil -

1. a b c d

2. a b c d

3. a b c d

4. a b c d

5. a b c d

6. a b c d

7. a b c d

8. a b c d

9. a b c d

10. a b c d

11. a b c d

12. a b c d

13. a b c d

14. a b c d

15. a b c d

16. a b c d

17. a b c d

18. a b c d

19. a b c d

20. a b c d

21. a b c d

22. a b c d

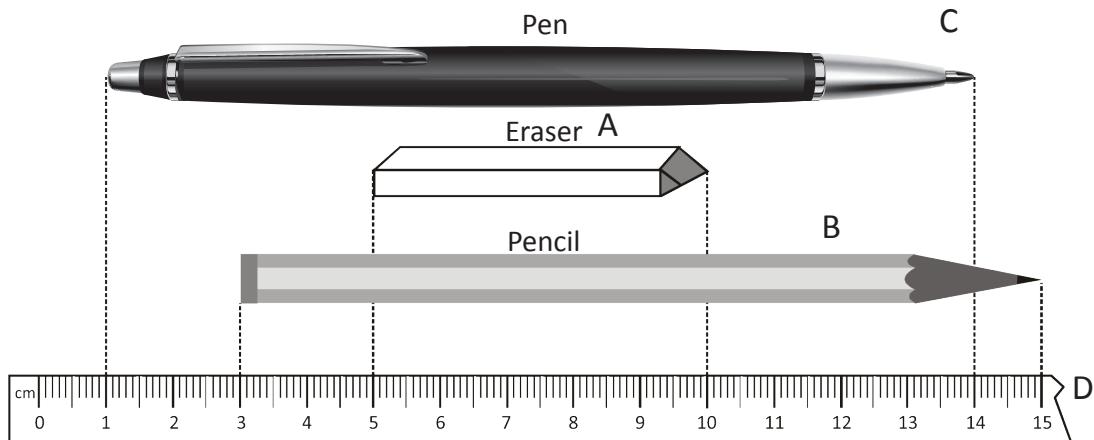
23. a b c d

24. a b c d

25. a b c d

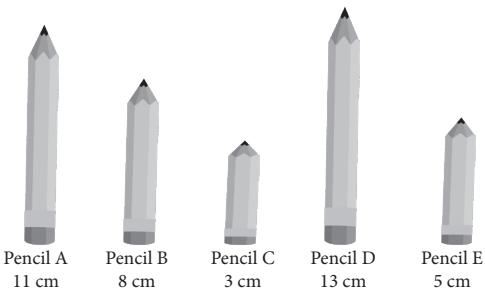
SECTION - A : MATHEMATICAL REASONING

For Q1 to Q6, refer to the picture given below.



1. The pen is _____ cm long.
a. 14 b. 13 c. 15 d. 12
2. The pencil is _____ cm long.
a. 15 b. 14 c. 10 d. 12
3. The eraser is _____ cm long.
a. 1 b. 3 c. 5 d. 10
4. The pencil is _____ cm shorter than the pen.
a. 1 cm b. 12 cm c. 2 cm d. 3 cm
5. The total length of eraser and pencil is _____ cm.
a. 10 cm b. 5 cm c. 15 cm d. 17 cm
6. The eraser is _____ cm shorter than the pen.
a. 7 b. 8 c. 4 d. 5

7.



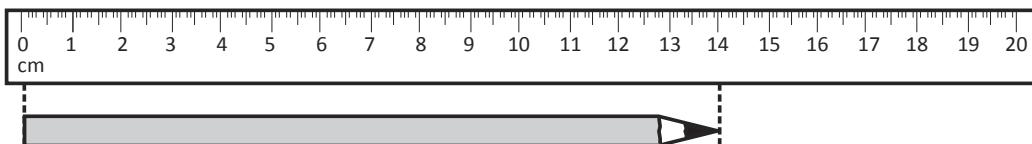
Pencil _____ is 6 cm shorter than pencil A.

- a. B
- b. C
- c. D
- d. E

9. Look at the different wires in the given options. Which of the following wires has the longest length?

- a. _____
- b.
- c.
- d.

10. Look at the picture given below.



The pencil is _____ long.

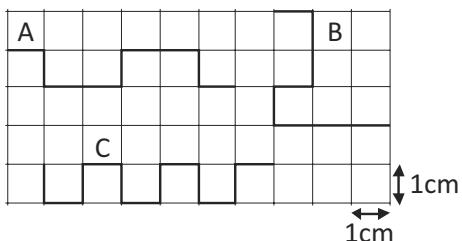
- a. 14 m
- b. 14 cm
- c. 13 m
- d. 13 cm

11. Which of the following is the correct order of the given numbers from the shortest length to the longest length?

- 40 m
- 40 cm
- 4 m

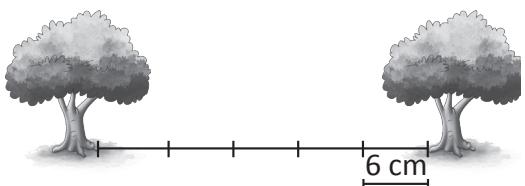
- a. 40 cm, 4 m, 40 m
- b. 4 m, 40 m, 40 cm
- c. 40 cm, 8 m, 4 m
- d. 40 m, 4 m, 40 cm

For Q12 and Q13, refer to the figure given below.



8. The distance between two trees is

_____ cm.



- a. 6 cm
- b. 30 cm
- c. 10 cm
- d. 12 cm

- a. _____
- b.
- c.
- d.

- a. 14 m
- b. 14 cm
- c. 13 m
- d. 13 cm

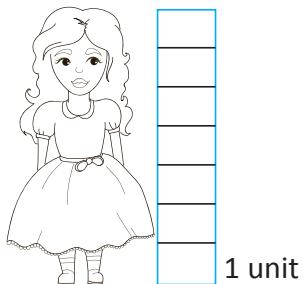
12. The line segment _____ is the longest.

- a. A
- b. B
- c. C
- d. Both a. and b.

13. The total length of line segments A, B and C is ____ cm.

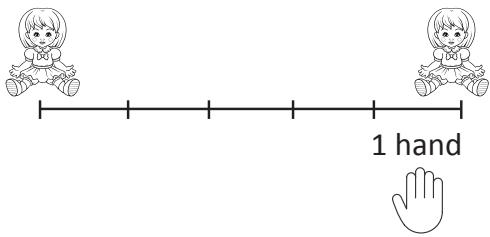
- a. 26
- b. 27
- c. 28
- d. 29

14. The girl is ____ units tall.



- a. 7
- b. 6
- c. 8
- d. 9

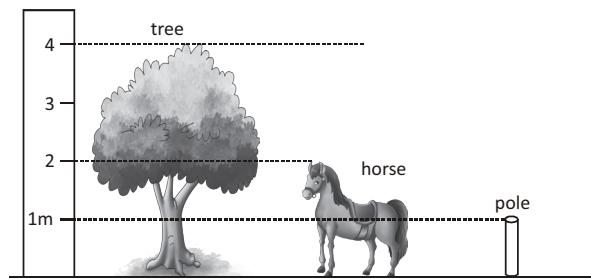
15. The distance between two dolls is ____.



- a. 6 hands
- b. 4 hands
- c. 5 hands
- d. None of these

SECTION - B : EVERYDAY MATHS

For Q16 and Q17, refer to the picture given below.



16. The horse is _____ m tall.

- a. 1
- b. 2
- c. 3
- d. 4

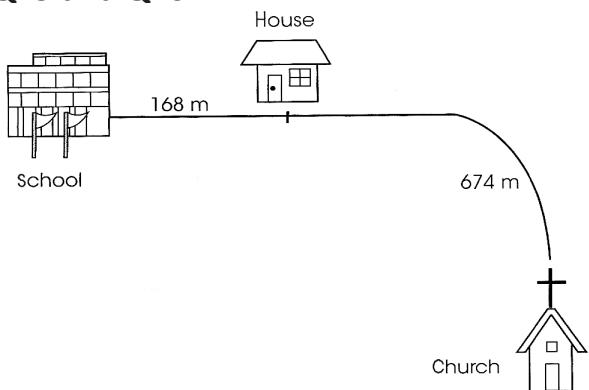
17. The tree is _____ m taller than the pole.

- a. 1
- b. 2
- c. 3
- d. 4

18. A tree is 350 cm tall. A man standing besides the tree is 178 cm tall. What is the difference in their heights?

- a. 160 cm
- b. 162 cm
- c. 172 cm
- d. 170 cm

Use the picture given below to answer Q19 and Q20.



19. The school is _____ m away from the house.

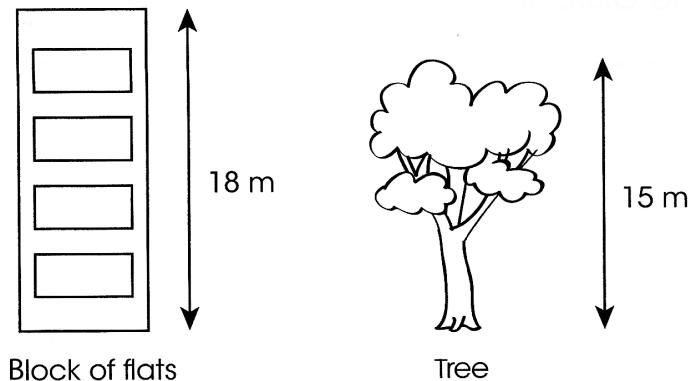
- a. 168
- b. 166
- c. 170
- d. 188

20. The church is _____ m away from the house. The house is nearer to the _____ than to the _____.

- a. 674; church; school
- b. 674; school; church
- c. 506; school; church
- d. 506; church; school

SECTION - C : BRAINBOX

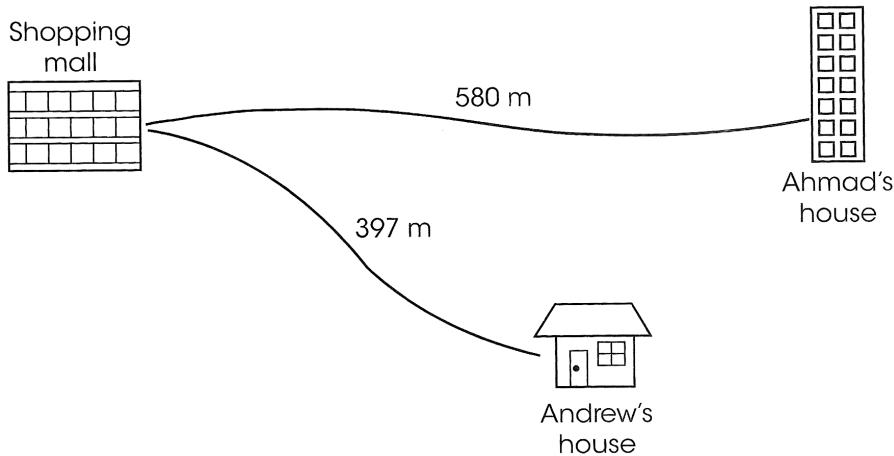
Use the picture given below to answer Q21.



21. The tree is _____ m shorter than the block of flats.

- a. 33
- b. 23
- c. 15
- d. 3

Use the picture given below to answer Q22.

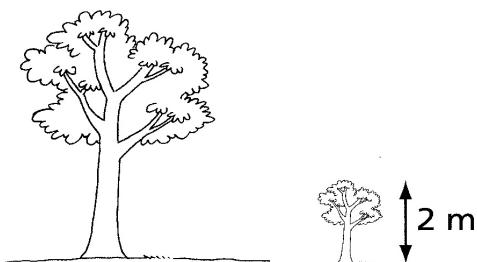


22. i) Ahmad walked to the shopping mall. Then, he walked to Andrew's house.
How far did he walk altogether?

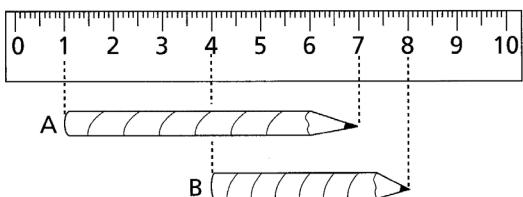
- ii) Whose house is nearer to the shopping mall?

- a. 977 m, Ahmad's
- b. 183 m, Andrew's
- c. 580 m, Ahmad's
- d. 977 m, Andrew's

Study the picture of a garden given below to answer Q23.



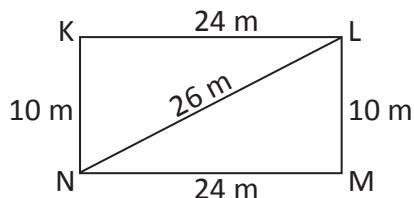
Study the picture given below to answer Q24.



24. The total length of pencils A and B is X. The difference in length between pencils B and A is Y. The value of Y is cm.

- a. 2
 - b. 3
 - c. 4
 - d. 5

Study the figure given below to answer Q25.



25. Jaya walks along the side of the rectangle from N to K, K to L and, then L to M. While Kiran walks directly N to M along the side of the rectangle. Jaya walks _____ m more than Kiran.

a. 20 b. 14
c. 8 d. 16

Darken your choice with HB pencil

- | | | | | | | | | | | | | | | | | | | | |
|----|------------------------------------|-------------------------|-------------------------|-------------------------|-----|-------------------------|-------------------------|-------------------------|-------------------------|-----|-------------------------|-------------------------|-------------------------|-------------------------|-----|-------------------------|-------------------------|-------------------------|-------------------------|
| 1. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 8. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 15. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 22. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d |
| 2. | <input checked="" type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 9. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 16. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 23. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d |
| 3. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 10. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 17. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 24. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d |
| 4. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 11. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 18. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 25. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d |
| 5. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 12. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 19. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | | | | | |
| 6. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 13. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 20. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | | | | | |
| 7. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 14. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 21. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | | | | | |

Mass and Volume

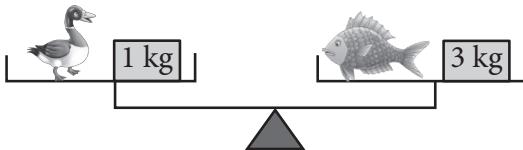
SECTION - A : MATHEMATICAL REASONING

1. The packet of flour has a mass of _____ kg.

- a. 8
- b. 10
- c. 11
- d. 12

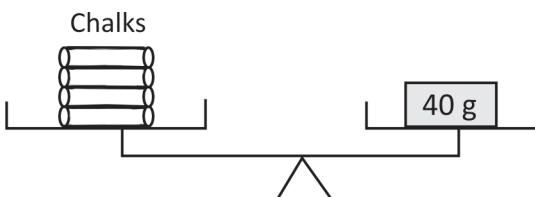


2. The duck is _____ the fish.



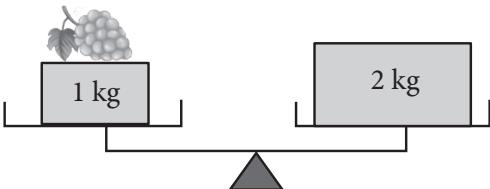
- a. heavier than
- b. lighter than
- c. equal in weight to
- d. none of these

3. What is the mass of each piece of chalk?



- a. 40 g
- b. 20 g
- c. 10 g
- d. 10 kg

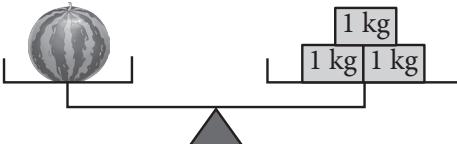
4. The mass of the grapes is _____ kg.



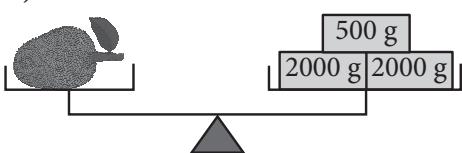
- a. 3
- b. 1
- c. 2
- d. 4

Look at the pictures given below to answer Q5 to Q7.

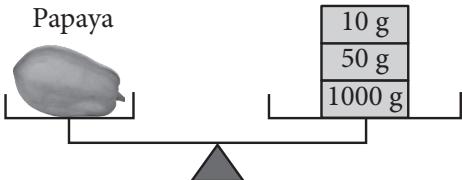
Watermelon



Jackfruit

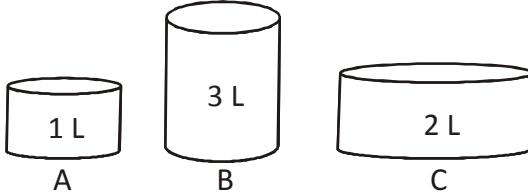
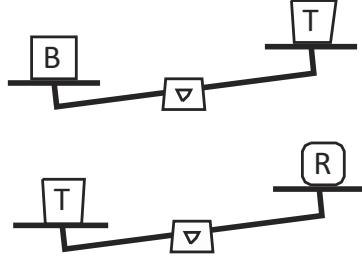
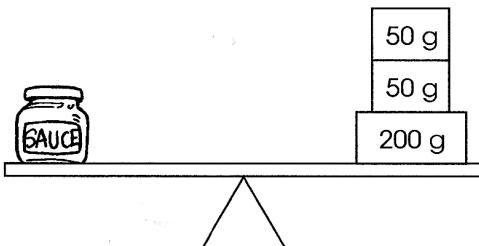
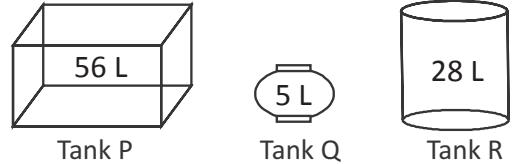


Papaya

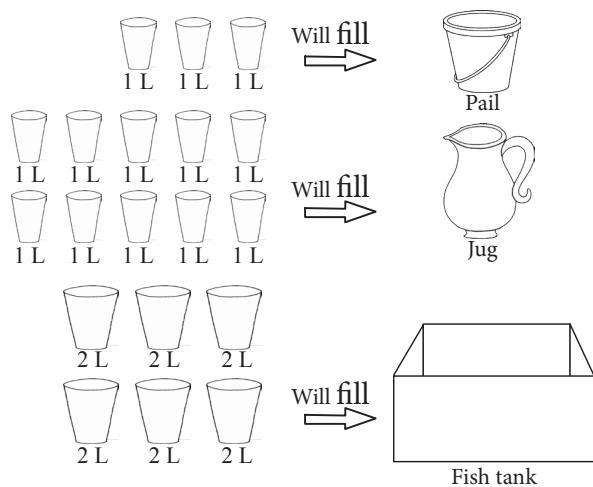


5. The mass of the _____ is 4500 g.

- a. papaya
- b. watermelon
- c. jackfruit
- d. none of these

6. _____ has a mass less than 2 kg.
- Jackfruit
 - Papaya
 - Watermelon
 - All of these
7. _____ is the heaviest among all the three fruits.
- Watermelon
 - Papaya
 - Jackfruit
 - None of these
8. Three different sizes of cylinders are shown below.
- 
- How much more water can cylinder B hold than in cylinder A?
- 1 L
 - 2 L
 - 3 L
 - 4 L
9. Which of the following is the correct order of the given objects from the lightest to the heaviest?
- 
- a. R, T, B
b. R, B, T
c. B, T, R
d. B, R, T
10. The volume of a cylinder is 2 L. The volume of a pail is twice that of a cylinder. The volume of 6 pails is
- 6 L
 - 12 L
 - 18 L
 - 24 L
- 11.
- 
- Sheetal bought a bottle of sauce. Its mass is as shown above. The bottle of sauce has a mass of _____ g.
- 300
 - 350
 - 375
 - 400
12. Pratibha has three fish tanks of different sizes as shown below. She wants to arrange them in order, beginning with the smallest. Which of the following is the correct order?
- 
- Q, R, P
 - P, Q, R
 - R, Q, P
 - P, R, Q

Kiran used some 1 L and 2 L of containers to fill, a pail, a jug and a fish tank. She made a figure of this as shown below. Use the picture given below to answer Q13 to Q15.



13. The pail can hold _____ litres of water.

- a. 3
- b. 10
- c. 2
- d. 5

14. The jug can hold _____ more litres of water than the pail.

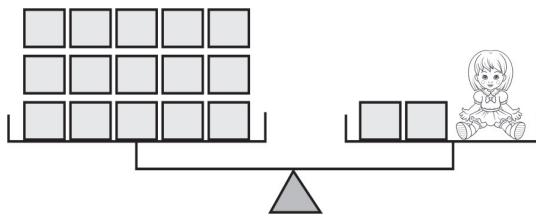
- a. 5
- b. 7
- c. 9
- d. 12

15. The fish tank can hold _____ litres of water.

- a. 12
- b. 15
- c. 24
- d. 25

SECTION - B : EVERYDAY MATHS

16. If  stands for 2 g, the mass of teddy  is _____ g.



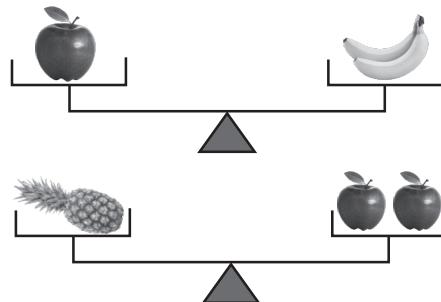
- a. 26
- b. 30
- c. 28
- d. 25

17. Kiran's mass is 34 kg and Riya is 7 kg heavier than Kiran. What is the total mass of Kiran and Riya?

- a. 75 kg
- b. 68 kg

- c. 41 kg
- d. 70 kg

18. Neha weighs some apples, bananas and pineapples as shown below. The mass of 1 banana is 100 g. The mass of 1 pineapple is

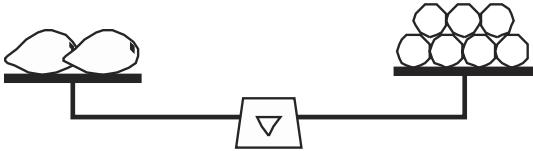


- a. 200 g
- b. 300 g
- c. 400 g
- d. 500 g

19. The volume of a container is 2 L more than the volume of a jug. If the container is 3 L, then the volume of the jug is

- a. 1 L
- b. 2 L
- c. $\frac{1}{2}$ L
- d. 3 L

20.

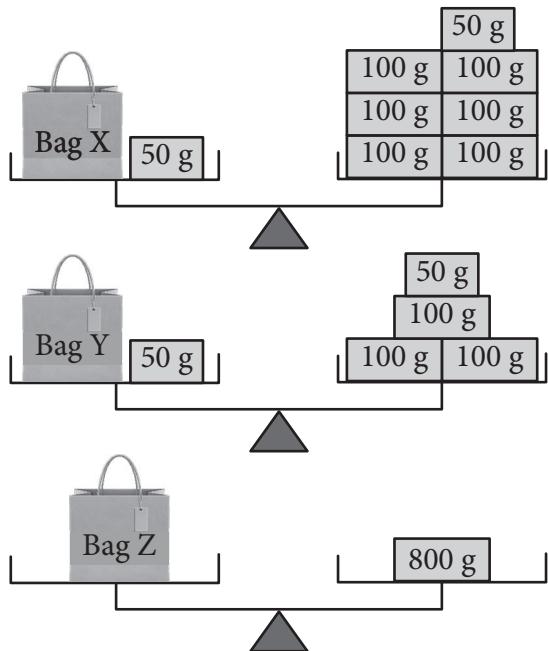


Each stands for 100 g. What is the mass of 2 mangoes?

- a. 50 g
- b. 70 g
- c. 200 g
- d. 700 g

SECTION - C : BRAINBOX

Use the picture given below to answer the Q21 and Q22.



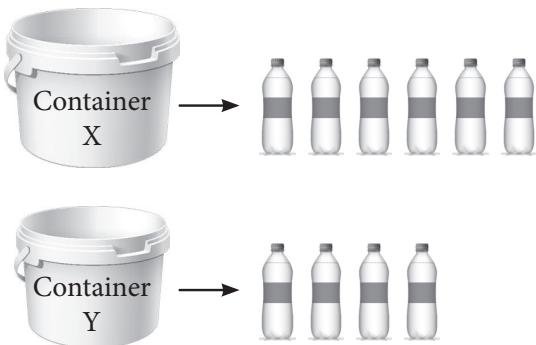
21. The mass of bag X is g more than the mass of bag Y.

- a. 300
- b. 350
- c. 400
- d. 450

22. Which of the following bags is the heaviest among the three?

- a. Bag X
- b. Bag Y
- c. Bag Z
- d. Can't say

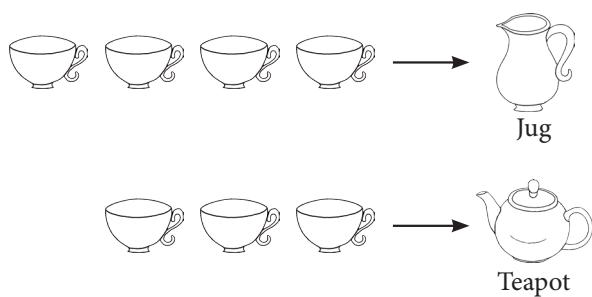
23. Study the picture given below.



Container X can contain _____ more bottles of water than container Y.

- a. 6
- b. 2
- c. 10
- d. 4

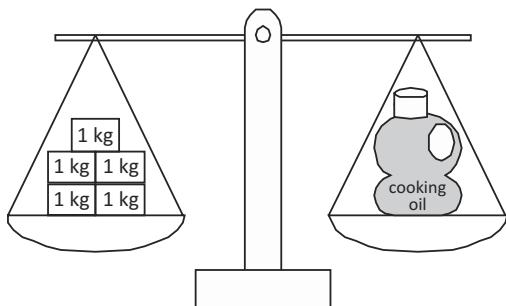
Study the picture given below to answer Q24.



24. How many cups are needed to fill 2 jugs and 2 teapots?

- a. 6
- b. 7
- c. 8
- d. 14

Study the picture given below to answer Q25.



25. What is the mass of the bottle of cooking oil?

- a. 1 kg
- b. 2 kg
- c. 3 kg
- d. 5 kg

Darken your choice with HB pencil —————

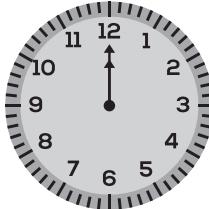
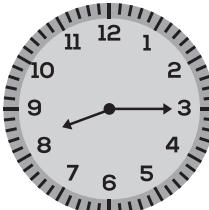
- 1. a b c d
- 2. a b c d
- 3. a b c d
- 4. a b c d
- 5. a b c d
- 6. a b c d
- 7. a b c d

- 8. a b c d
- 9. a b c d
- 10. a b c d
- 11. a b c d
- 12. a b c d
- 13. a b c d
- 14. a b c d

- 15. a b c d
- 16. a b c d
- 17. a b c d
- 18. a b c d
- 19. a b c d
- 20. a b c d
- 21. a b c d

- 22. a b c d
- 23. a b c d
- 24. a b c d
- 25. a b c d

SECTION - A : MATHEMATICAL REASONING

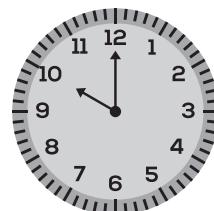
1. You go to school in the
 a. evening b. morning
 c. afternoon d. night
2. Which of the following months comes just after sixth month of the year?
 a. October b. May
 c. June d. July
3. The shortest month of a leap year is
 a. April b. February
 c. October d. January
4. If today is Friday, then tomorrow will be
 a. Saturday b. Monday
 c. Thursday d. Wednesday
5. Which of the following activities you do at night?
 a. Dancing b. Playing
 c. Go to school d. Sleeping
6. How many days are there in 2 weeks?
 a. 13 days b. 14 days
 c. 15 days d. 16 days
7. If yesterday was Sunday, then tomorrow will be
 a. Tuesday b. Monday
 c. Sunday d. Saturday
8. _____ comes after July and before November.
 a. June b. December
 c. September d. January
9. What is the time by the given clock?
- 
- a. 12
 b. 11
 c. 10
 d. 9
10. What is the time by the given clock?
- 
- a. 10:30
 b. 8:15
 c. 8:45
 d. 9:00
11. The time shown on the clock is 30 minutes slower than the actual time. What is the actual time?
 a. 1:30
 b. 2:00
 c. 2:30
 d. 12:00

12. The current time is 3:30 p.m.. 2 hours later, the time will be _____ p.m.
- a. 4:30
 - b. 5:00
 - c. 1:30
 - d. 5:30

13. Five days before today was Sunday, so tomorrow is
- a. Wednesday
 - b. Thursday
 - c. Friday
 - d. Saturday

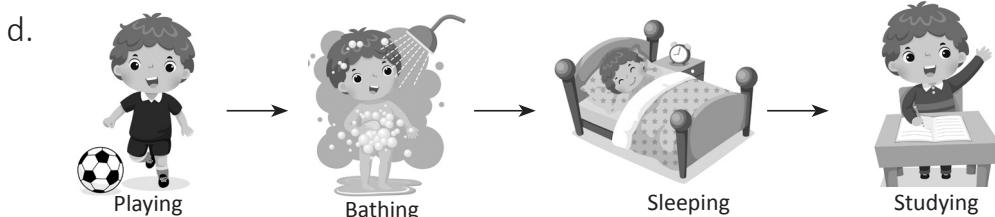
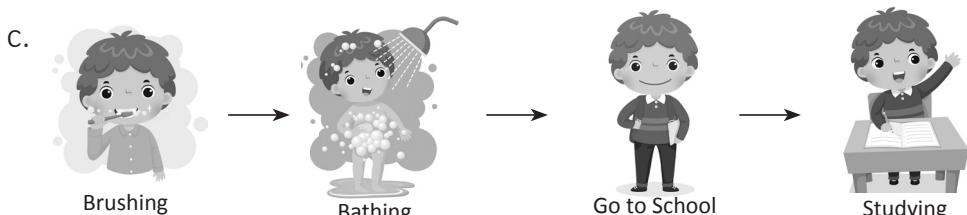
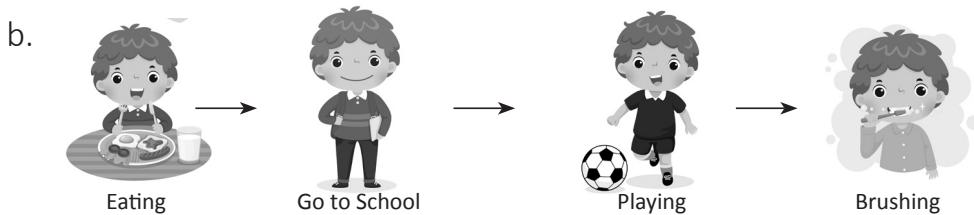
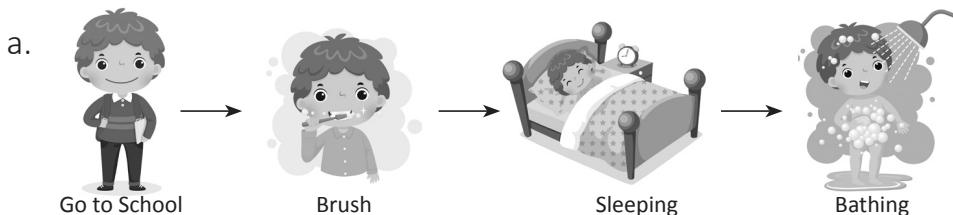
14. How many hours are there from 3:00 a.m. to 3:00 p.m.?
- a. 3 hrs
 - b. 9 hrs
 - c. 12 hrs
 - d. 15 hrs

15. The minute hand of clock is pointing at
- a. 9
 - b. 10
 - c. 11
 - d. 12



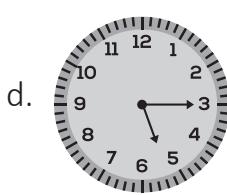
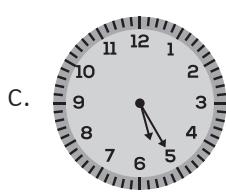
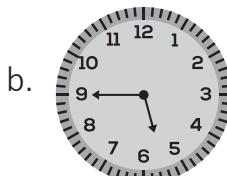
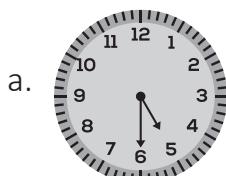
SECTION - B : EVERYDAY MATHS

16. Which of the following options shows the correct sequence?



17. We go to bed when stars are shining in the sky. It must be
- a. afternoon b. morning
 - c. day d. night

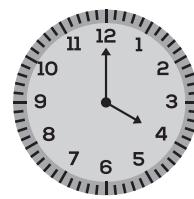
18. Which of the following clocks shows 5:15?



19. Mr Ravi left Gurugram at 8:00 a.m. He reached Delhi after an hour. At what time did he reach Delhi?
- a. 7:00 a.m.
 - b. 7:00 p.m.
 - c. 9:00 a.m.
 - d. 9:00 p.m.

20. The time is 4 p.m. 2 hours later, it will be _____

- a. 6 p.m.
- b. 2 p.m.
- c. 8 p.m.
- d. 7 p.m.



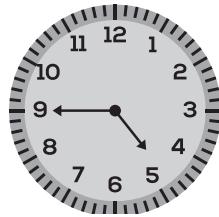
SECTION - C : BRAINBOX

21. Rohan started watching television at 7:30 p.m. A programme was 30 minutes long. It ended at _____ p.m.

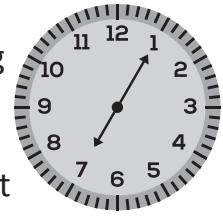
- a. 7:00
- b. 7:30
- c. 8:00
- d. 8:30

22. A cartoon programme ended at the time shown in the clock. At what time did the cartoon programme end?

- a. 4 : 00
- b. 4 : 50
- c. 5 : 00
- d. None of these



23. Divya goes to school every morning during the weekday at the time shown in the clock. At what time does she leaves her house?



- a. 5 minutes past 7 a.m.
- b. 5 minutes past 8 a.m.
- c. 3 minutes past 7 a.m.
- d. 5 minutes to 7 a.m.

24. Irfan reached at his shop 10 minutes after 11:55 p.m. At what time did he reach the shop?

- a. 12:05 a.m.
- b. 12:05 p.m.
- c. 11:45 a.m.
- d. 12:10 p.m.

25. If Khushi's birthday is the first Friday of January 2019, then which of the following is the correct date of her birthday?

| January 2019 | | | | | | |
|--------------|--------|---------|-----------|----------|--------|----------|
| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| | | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

- a. January 11
 - b. January 18
 - c. January 4
 - d. January 25

Darken your choice with HB pencil

- | | | | | | | | | | | | | | | | | | | | |
|----|-------------------------|-------------------------|-------------------------|-------------------------|-----|-------------------------|-------------------------|-------------------------|-------------------------|-----|-------------------------|-------------------------|-------------------------|-------------------------|-----|-------------------------|-------------------------|-------------------------|-------------------------|
| 1. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 8. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 15. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 22. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d |
| 2. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 9. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 16. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 23. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d |
| 3. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 10. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 17. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 24. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d |
| 4. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 11. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 18. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 25. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d |
| 5. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 12. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 19. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | | | | | |
| 6. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 13. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 20. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | | | | | |
| 7. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 14. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | 21. | <input type="radio"/> a | <input type="radio"/> b | <input type="radio"/> c | <input type="radio"/> d | | | | | |

SECTION - A : MATHEMATICAL REASONING

For Q1 to Q3, refer to the pictures given below.



1. The packet of sugar costs ₹_____ more than the butter.
a. 1 b. 2
c. 3 d. 4
2. Which of the following two items together costs ₹10?
a. Coffee and tea
b. Coffee and butter
c. Coffee and sugar
d. Sugar and butter
3. The sum of the cost of tea and another item is ₹4. Which of the following is the other item?
a. butter
b. tea
c. sugar
d. coffee

4. Each stands for ₹3. stand for

- a. ₹12
- b. ₹6
- c. ₹16
- d. ₹18

5. Rahul pays the sum of ₹150 for two toys. He bought a



and a



6. Count the total amount. Choose the correct option.



- a. ₹53 b. ₹43 c. ₹48 d. ₹58

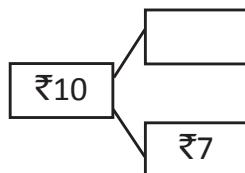
7. ₹6.75 = _____ rupees _____ paise.

Which of the following set of numbers will correctly complete the given amount?

- a. 6, 70 b. 67, 5 c. 6, 75 d. 75, 6

8. Look at the given figure. Which of the following is the correct option?

- a. ₹1
b. ₹2
c. ₹3
d. ₹4



9. The total cost of a watch and a tie is ₹112. If the watch costs ₹73, then

- (i) what is the cost of the tie?
(ii) how much less does the tie cost than the watch?

- a. ₹39, ₹39 b. ₹39, ₹34 c. ₹34, ₹39 d. ₹34, ₹34

10. Count and choose the total amount of all the three bottles.



- a. ₹168 b. ₹163 c. ₹185 d. ₹162

11. _____ is 100 paise more than ₹1.

- a. ₹2 b. ₹3 c. ₹4 d. ₹5

12. A music CD costs ₹24 and a DVD costs ₹40. How much do they cost together?

- a. ₹53 b. ₹54 c. ₹63 d. ₹64

13. Look at the currency notes and coins given below.



Which of the following amounts given in the options is more than the total amount of notes and coins given above?

- a. ₹37.00 b. ₹36 c. ₹39 d. ₹38

14. Shreya wants to buy the doll given in the picture. The total money she has is given in the pictures. How much more money does she need to buy this doll?

- a. ₹2



- b. ₹4



- c. ₹3



- d. ₹5



15. Study the pattern given below.

$$\boxed{\text{₹1}} + \boxed{\text{₹3}} + \boxed{\text{₹5}} + \boxed{A} = \boxed{\text{₹15}}$$

The amount of money represented by A is

- a. ₹6 b. ₹7 c. ₹8 d. ₹9

SECTION - B : EVERYDAY MATHS

16. Mohit wants to buy one shirt, one t-shirt and one pair of shorts. He has ₹200. How much more money does he need to buy all of these?

Shirt



Shorts



T-shirt



- a. ₹100 b. ₹60 c. ₹70 d. ₹80

17. A basketball costs ₹50 and a badminton racquet costs ₹134. Karan wants to buy both the items. He has only ₹180. How much more money does he need?

- a. ₹2 b. ₹4 c. ₹12 d. ₹14

18. Which of the following amounts is equal to ₹135?

a.

| |
|------|
| ₹25 |
| ₹100 |

b.

| |
|------|
| ₹25 |
| ₹110 |

c.

| |
|------|
| ₹100 |
| ₹50 |

d.

| |
|------|
| ₹20 |
| ₹100 |

19. Rani had three 2-rupee notes. She bought a comic book. Thereafter, she is left with ₹3. What was the cost of the comic book?

- a. ₹6 b. ₹1 c. ₹3 d. ₹2

20. Meera has a 5-rupee note. She wants to buy a pencil case that costs ₹2. How much will she receive in return?

- a. ₹2 b. ₹3 c. ₹4 d. ₹1

SECTION - C : BRAINBOX

21. A toy robot costs ₹128. A toy car costs ₹43. The total cost of the 2 toys is

- a. ₹161
- b. ₹171
- c. ₹181
- d. ₹198

22. Mr Kumar had lunch in a restaurant. The picture of the bill is given below. He gave a 50-rupee note to the cashier. How much money did the cashier return to him?

| Lunch Time | |
|----------------|-----|
| 1 sandwich | ₹12 |
| 1 orange juice | ₹3 |

- a. ₹15
- b. ₹36
- c. ₹35
- d. ₹24

23. The chart given below shows the ticket prices for a sky ride at a theme park. Mr Ali bought 2 adult tickets and 3 child tickets. How much did he pay for the tickets in all?

- a. ₹7
- b. ₹16
- c. ₹10
- d. ₹21

| Sky Ride |
|------------|
| Adult - ₹5 |
| Child - ₹2 |

24. Amit has ₹70. Rakesh has ₹50 more than Amit. How much money does Rakesh have?

- a. ₹120
- b. ₹130
- c. ₹140
- d. ₹15

25. Rita spent ₹34 on a dress. She paid the cashier with four 10-rupee notes. How much did Rita get in return?

- a. ₹5
- b. ₹6
- c. ₹7
- d. ₹8

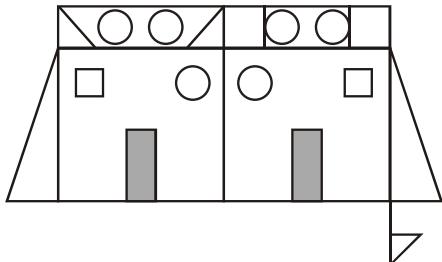
Darken your choice with HB pencil ——————

- 1. a b c d
- 8. a b c d
- 15. a b c d
- 22. a b c d
- 2. a b c d
- 9. a b c d
- 16. a b c d
- 23. a b c d
- 3. a b c d
- 10. a b c d
- 17. a b c d
- 24. a b c d
- 4. a b c d
- 11. a b c d
- 18. a b c d
- 25. a b c d
- 5. a b c d
- 12. a b c d
- 19. a b c d
- 6. a b c d
- 13. a b c d
- 20. a b c d
- 7. a b c d
- 14. a b c d
- 21. a b c d

Shapes and Patterns

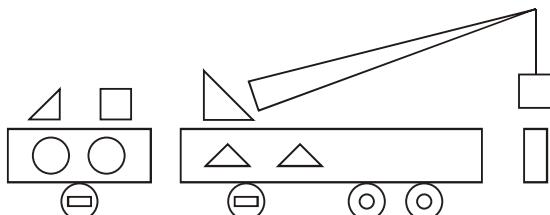
SECTION - A : MATHEMATICAL REASONING

Study the picture given below and answer Q1 and Q2.



1. How many triangles are there in the given picture?
a. 3 b. 4
c. 5 d. 6
2. How many squares are there in the given picture?
a. 3 b. 4
c. 5 d. 6

Study the picture given below and answer Q3 and Q4.



3. How many more circles are there in the given picture than the triangles?
a. 1 b. 2
c. 3 d. 4

4. How many fewer squares than the rectangles are there in the given picture?

- a. 2 b. 3
c. 4 d. 5

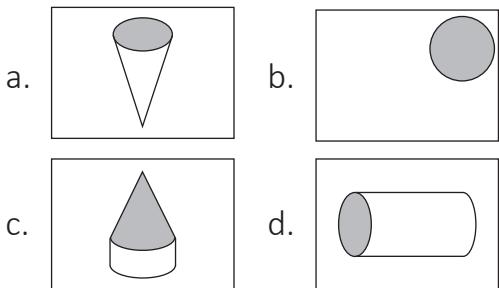
5. Study the pattern given below.



_____ is in between the 3rd and the 5th object from the right.

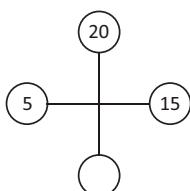
- a. b.
c. d.

6. Look at the pictures given below. Which shaded shape is different from the other shaded shapes? Choose the correct option.

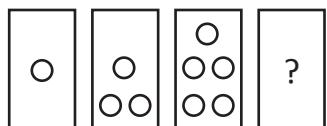


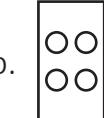
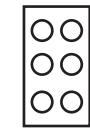
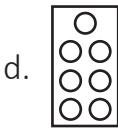
7. Which of the following numbers will complete the given pattern?

- a. 10 b. 5
c. 25 d. 60

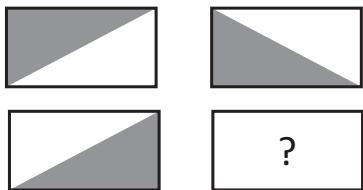


8. What comes next?



- a. 
- b. 
- c. 
- d. 

9. Which of the following options will complete the pattern?



- a. 
- b. 
- c. 
- d. 

10. Choose the number series which skip counts by 5.

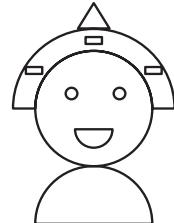
- a. 15, 20, 24, 27, 29, 30
- b. 5, 10, 14, 19, 23, 28
- c. 1, 5, 25, 50, 75, 85, 90
- d. 11, 16, 21, 26, 31, 36

11. A part of a given triangle is missing. Which of the following shapes is the missing part that will complete the triangle?

- a. 
- b. 
- c. 
- d. 

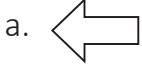
12. How many circles are there in the given figure?

- a. 1
- b. 2
- c. 3
- d. 4

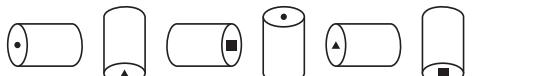


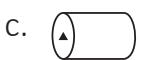
13. Look at the pattern given below. What comes next?



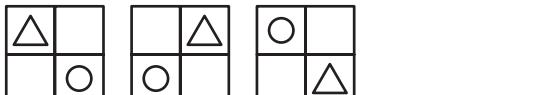
- a. 
- b. 
- c. 
- d. 

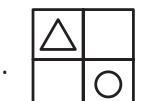
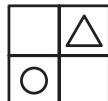
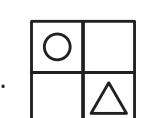
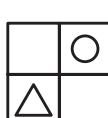
14. Look at the pattern given below. What comes next?



- a. 
- b. 
- c. 
- d. 

15. Study the pattern given below carefully. Which of the following options complete the given pattern?



- a. 
- b. 
- c. 
- d. 

SECTION - B : EVERYDAY MATHS

16. Choose the correct option to complete the pattern.



- a.
- b.
- c.
- d.

17. Which of the given figures has the maximum number of curved lines?



- a. Figure 1
- b. Figure 2
- c. Figure 3
- d. All of these

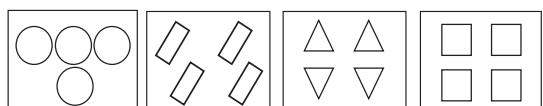
18. Choose the next two figures in the given pattern from the options that follow.



_____ , _____



19. Ritu classifies her items according to the shapes. She has a box for each shape as shown below.



P Q M N

In which box will she put a ring?

- a. P
- b. Q
- c. M
- d. N

20. There are _____ more circles in the clown cap than in the face.

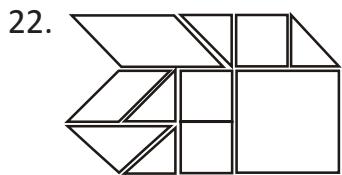


- a. 1
- b. 2
- c. 5
- d. 6

SECTION - C : BRAINBOX

21. Which of the following items looks like a cone?

- a. 
- b. 
- c. 
- d. 

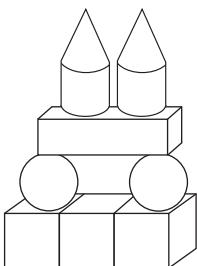


There are _____ squares and _____ triangles in the figure given above.

- a. 3, 5
- b. 4, 5
- c. 5, 3
- d. 5, 4

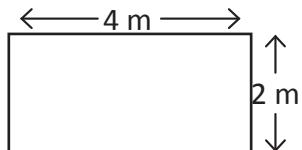
23. Maya made a figure with some solid blocks. How many cones did she use?

- a. 1
- b. 2
- c. 3
- d. 4

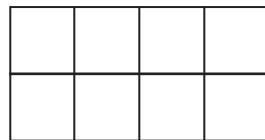


24. Reema runs around a rectangular park once, as shown in the given figure. How much distance does she cover?

- a. 6 m
- b. 12 m
- c. 8 m
- d. 4 m



25. Irfan wants to cover his room's floor with square-shaped tiles of the same size. The map of the floor is given in the figure below. How many tiles does he need?



- a. 16
- b. 8
- c. 12
- d. 14

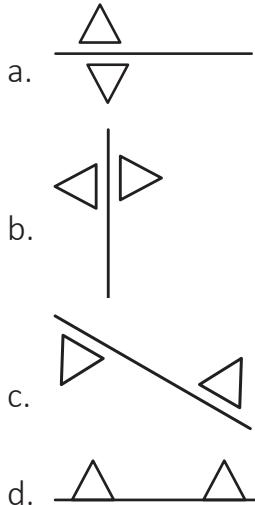
Darken your choice with HB pencil

- | | | | |
|--|---|---|---|
| 1.  | 8.  | 15.  | 22.  |
| 2.  | 9.  | 16.  | 23.  |
| 3.  | 10.  | 17.  | 24.  |
| 4.  | 11.  | 18.  | 25.  |
| 5.  | 12.  | 19.  | |
| 6.  | 13.  | 20.  | |
| 7.  | 14.  | 21.  | |

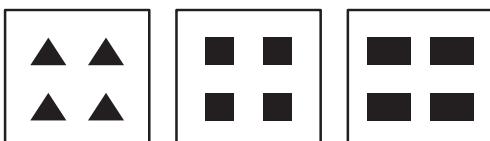
1. Look at the figures given below. Which of the following figures is different from the rest?



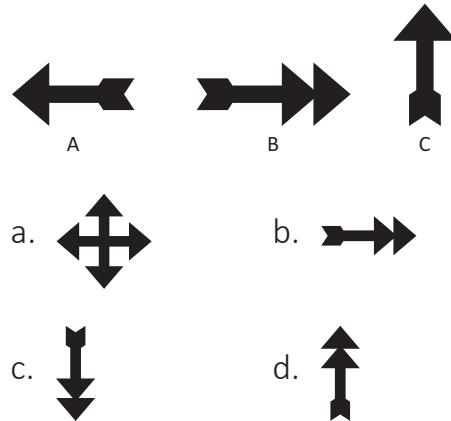
2. Choose the odd one out.



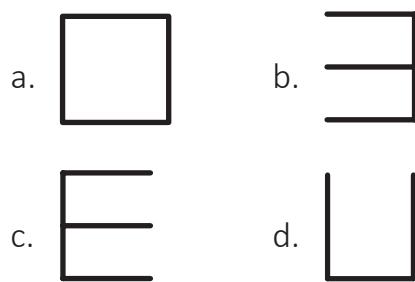
3. The next step of the figure A given below is figure B. Which of the following options is the next step of figure C?

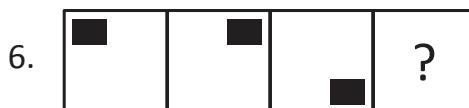


4. If figure A matches figure B in the given figure, then which of the following options matches figure C?

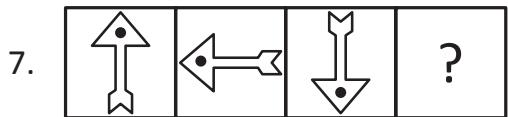


In Q5 to Q9, observe the patterns given in the boxes. Choose the correct figure from the given options.

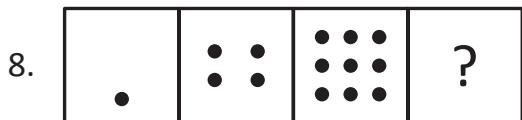




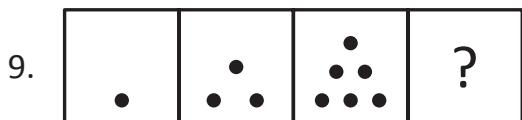
- a.
- b.
- c.
- d.



- a.
- b.
- c.
- d.



- a.
- b.
- c.
- d.



- a.
- b.
- c.
- d.

10. In a code language, 'A' is 'C', 'B' is 'D' and 'C' is 'E'. Which of the following options represent 'E' in the same code language?

- a. F
- b. G
- c. H
- d. I

11. If 1 cat = 2 rabbits, 2 cats = 1 monkey, then 1 cat and 2 rabbits is equal to

- a. 2 monkeys
- b. 1 monkey
- c. 3 monkeys
- d. 4 monkeys

12. Rahul is taller than Reema. Reema is shorter than Rehan but Rehan is taller than Rahul. Who is the tallest among them?

- a. Reema
- b. Rehan
- c. Monika
- d. Rahul

13. Rahul and Rakesh have 18 candies each. Rahul gives 8 candies to Rakesh. Now, how many more candies does Rakesh have than Rahul?

- a. 8
- b. 16
- c. 10
- d. 12

14. Which of the two given figures can be joined to form figure A?

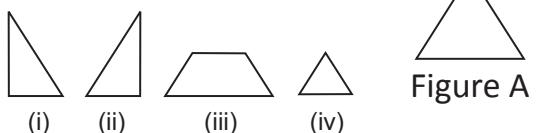


Figure A

- a. (i) and (ii)
- b. (ii) and (iii)
- c. (iii) and (iv)
- d. (i) and (iv)

15. For the Independence Day celebration, Ankita decorates her room with balloons of three different colours, that is, 2 orange, 3 white and 2 green. What is the colour of the 18th balloon?

- a. Orange
- b. Green
- c. White
- d. Can't say

16. Mr Anurag visits a museum with 11 boys and 13 girls. How many tickets do they need to buy?

- a. 25
- b. 24
- c. 22
- d. 26

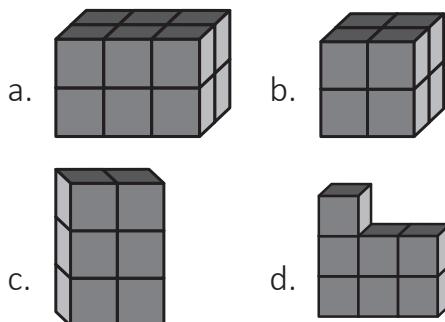
17. The father of Rahul is the brother of Mohit. Suman is the grandmother of Rahul. How is Suman related to Mohit?

- a. Son, Mother
- b. Father, Daughter
- c. Grandmother
- d. Husband, Wife

18. There are some people standing in a queue. There is nobody in between the person, who is 6th from the back and the person, who is 6th from the front. How many people are standing in the queue?

- a. 12
- b. 13
- c. 9
- d. 11

19. Which of the following figures is made by using 12 cubes?



In Q20 to Q22, observe each number pattern. Choose the correct option that can complete the pattern.

20. 19, 24, 29, 34, 39, _____

- a. 44
- b. 43
- c. 47
- d. 49

21. 27, 24, 21, 18, 15, _____

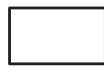
- a. 13
- b. 12
- c. 11
- d. 9

22. 10, 21, 43, 87, _____

- a. 160
- b. 175
- c. 184
- d. 187

23. Four days before yesterday was Friday. What day it will be tomorrow?

- a. Wednesday
- b. Thursday
- c. Friday
- d. Saturday

24.  is heavier than  but lighter than .  is heavier than  but lighter than . Which of the following is the heaviest?
- a.  b. 
 c.  d. 

25. In a queue of 5 people, Akash is standing before Neha. Rohit is standing behind Ria. Neha is before Suman and Ria is standing behind Suman. Who is standing in the middle?
- a. Neha
 b. Suman
 c. Ria
 d. Akash

Darken your choice with HB pencil

- | | | | |
|--|---|---|---|
| 1.  | 8.  | 15.  | 22.  |
| 2.  | 9.  | 16.  | 23.  |
| 3.  | 10.  | 17.  | 24.  |
| 4.  | 11.  | 18.  | 25.  |
| 5.  | 12.  | 19.  | |
| 6.  | 13.  | 20.  | |
| 7.  | 14.  | 21.  | |

Answers

Chapter 1: Numbers to 1000

| | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1. | b | 2. | c | 3. | c | 4. | c | 5. | d | 6. | c | 7. | c | 8. | c | 9. | a | 10. | c |
| 11. | d | 12. | b | 13. | c | 14. | b | 15. | c | 16. | a | 17. | c | 18. | b | 19. | b | 20. | a |
| 21. | d | 22. | b | 23. | b | 24. | b | 25. | b | | | | | | | | | | |

Chapter 2: Addition and Subtraction

| | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1. | c | 2. | b | 3. | b | 4. | a | 5. | a | 6. | a | 7. | d | 8. | a | 9. | a | 10. | a |
| 11. | c | 12. | b | 13. | a | 14. | a | 15. | b | 16. | c | 17. | c | 18. | c | 19. | a | 20. | a |
| 21. | b | 22. | a | 23. | b | 24. | a | 25. | d | | | | | | | | | | |

Chapter 3: Multiplication and Division

| | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1. | b | 2. | b | 3. | a | 4. | b | 5. | a | 6. | d | 7. | a | 8. | b | 9. | a | 10. | d |
| 11. | c | 12. | c | 13. | a | 14. | a | 15. | d | 16. | c | 17. | c | 18. | b | 19. | a | 20. | c |
| 21. | d | 22. | a | 23. | a | 24. | d | 25. | c | | | | | | | | | | |

Chapter 4: Length

| | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1. | b | 2. | d | 3. | c | 4. | a | 5. | d | 6. | b | 7. | d | 8. | b | 9. | b | 10. | b |
| 11. | a | 12. | c | 13. | d | 14. | a | 15. | c | 16. | b | 17. | c | 18. | c | 19. | a | 20. | b |
| 21. | d | 22. | d | 23. | b | 24. | a | 25. | a | | | | | | | | | | |

Chapter 5: Mass and Volume

| | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1. | b | 2. | b | 3. | c | 4. | b | 5. | c | 6. | b | 7. | c | 8. | b | 9. | c | 10. | d |
| 11. | a | 12. | a | 13. | a | 14. | b | 15. | a | 16. | a | 17. | a | 18. | c | 19. | a | 20. | d |
| 21. | a | 22. | c | 23. | b | 24. | d | 25. | d | | | | | | | | | | |

Chapter 6: Time

| | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1. | b | 2. | d | 3. | b | 4. | a | 5. | d | 6. | b | 7. | a | 8. | c | 9. | a | 10. | b |
| 11. | c | 12. | d | 13. | d | 14. | c | 15. | d | 16. | c | 17. | d | 18. | d | 19. | c | 20. | a |
| 21. | c | 22. | d | 23. | a | 24. | a | 25. | c | | | | | | | | | | |

Chapter 7: Money

| | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1. | a | 2. | b | 3. | c | 4. | a | 5. | d | 6. | b | 7. | c | 8. | c | 9. | b | 10. | d |
| 11. | a | 12. | d | 13. | d | 14. | b | 15. | a | 16. | a | 17. | b | 18. | b | 19. | c | 20. | b |
| 21. | b | 22. | c | 23. | b | 24. | a | 25. | b | | | | | | | | | | |

Chapter 8: Shapes and Patterns

| | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1. | c | 2. | d | 3. | c | 4. | b | 5. | b | 6. | c | 7. | a | 8. | d | 9. | c | 10. | d |
| 11. | d | 12. | c | 13. | a | 14. | b | 15. | d | 16. | d | 17. | b | 18. | d | 19. | a | 20. | a |
| 21. | b | 22. | b | 23. | b | 24. | b | 25. | b | | | | | | | | | | |

Chapter 9: Logical Reasoning

| | | | | | | | | | | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1. | b | 2. | d | 3. | c | 4. | c | 5. | a | 6. | b | 7. | d | 8. | c | 9. | a | 10. | b |
| 11. | a | 12. | b | 13. | b | 14. | c | 15. | c | 16. | a | 17. | a | 18. | a | 19. | a | 20. | a |
| 21. | b | 22. | b | 23. | b | 24. | d | 25. | b | | | | | | | | | | |

My Notes