

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

Name:.....

Arifinkidz Roll No:.....

Total Questions: 35

Time: 1hr



## Arifinkidz Summer Mathematics Olympiad 2023

CLASS

2

SET-A

### Guidelines for the Candidate

- You will get additional 5 minutes to fill up information about yourself on the OMR Sheet, before the start of the exam.
- Write your **Name, School** and **Arifinkidz Roll No.** clearly on the OMR Sheet.
- The Question Paper comprises four sections:  
**Logical Reasoning** (10 Questions), **Mathematical Reasoning** (10 Questions), **Everyday Mathematics** (10 Questions) and **Achievers Section** (5 Questions).  
Each question in Achiever Section carries 2 marks, whereas all other questions carry one mark each.
- All questions are compulsory. There is no negative (-) marking.
- All questions are (MCQ) types. There is only ONE correct answer. Choose only ONE option for an answer.
- To mark your choice of answer by darkening the circles on the OMR Sheet, Use **HB Pencil** or **Blue/Black ball point pen** only. E.g.

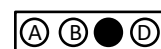
**Question:** Riya has 35 roses, which are 12 more than the number of roses Radhika has. How many roses Radhika has?

A. 20

B. 15

C. 23

D. 22



As the correct answer is option C, you must darken the circle corresponding to option C on the OMR Sheet.

- Rough work should be done in the blank space provided in the booklet.
- Return the OMR Sheet to the invigilator at the end of the exam.

## LOGICAL REASONING

1. (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K)

Which letter is 4<sup>th</sup> to the left of 5<sup>th</sup> letter from the right end?

- (A) I (B) G (C) E (D) C

2. Preeti is heavier than Suman. Nidhi is lighter than Ruchi. Suman is heavier than Ruchi. Who is the heaviest?

- (A) Preeti (B) Suman (C) Ruchi (D) Nidhi

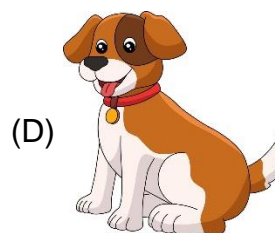
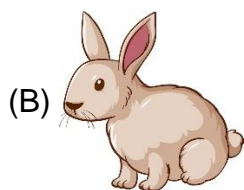
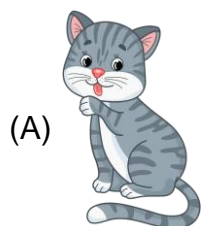
3. If 'Doctor' is called 'Barber', 'Barber' is called 'Postman', and 'Postman' is called 'Cricketer', then who cuts our hair?

- (A) Doctor (B) Postman (C) Barber (D) Cricketer

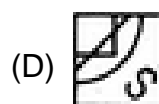
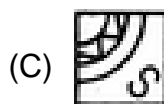
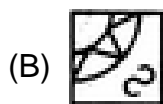
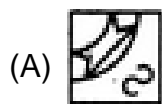
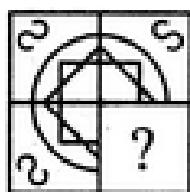
4. If day before yesterday was Tuesday, then day after tomorrow will be \_\_\_\_\_?

- (A) Friday (B) Saturday (C) Thursday (D) Wednesday

5. Select the odd one out.

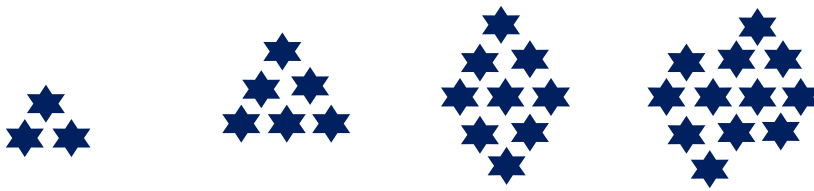


6. Identify the figure that completes the pattern.



—SPACE FOR ROUGH WORK—

7. How many stars will be there in pattern 7?



Pattern 1

Pattern 2

Pattern 3

Pattern 4

(A) 21

(B) 15

(C) 17

(D) 24

8. Ramesh starts his football practice from 1<sup>st</sup> December. If he practices only on odd number of days, then how many days did he practice in December? (Assume every Sunday is a holiday)

December						
S	M	T	W	T	F	S
				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) 12

(B) 13

(C) 15

(D) 14

9. Which of the following figures is exactly embedded in the given Figure (X)?

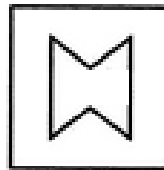
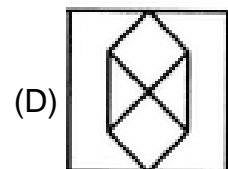
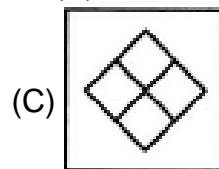
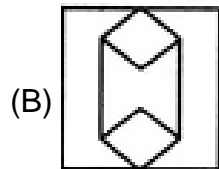
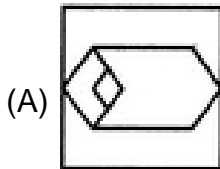
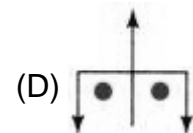
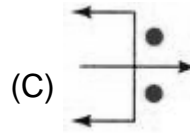
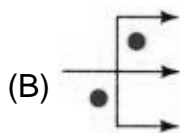
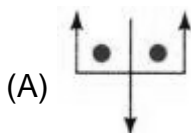
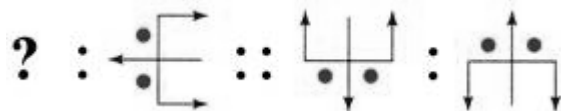


Figure (X)



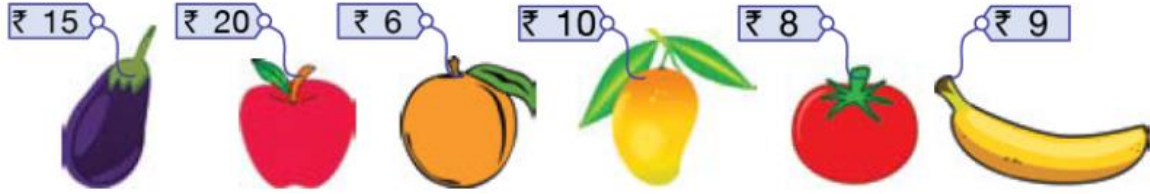
10. Find the matching pair.



—SPACE FOR ROUGH WORK—

## MATHEMATICAL REASONING

11. Sonia buys 2 Apples, 4 Mangoes and 5 Tomatoes from the market. How much money she will have to pay?



- (A) 140                      (B) 160                      (C) 120                      (D) 125

12. Identify the number?

- ❖ The place value of 1 in the number is 1.
- ❖ The digit of ten's place is the largest one-digit number.
- ❖ The digit at hundred's place is 4 less than the digit of ten's place

- (A) 591                      (B) 951                      (C) 491                      (D) 915

13. Find the meaningful combination of numbers so that letters are arranged accordingly to form a meaningful word.

**Q A U S R E**

**1 2 3 4 5 6**

- (A) 1, 2, 3, 4, 5, 6    (B) 3, 1, 4, 2, 5, 6    (C) 4, 1, 3, 2, 5, 6    (D) 3, 4 1, 5 2, 6

14.  $\square + \square + \square + \square + \square + \bigcirc + \bigcirc = 30$

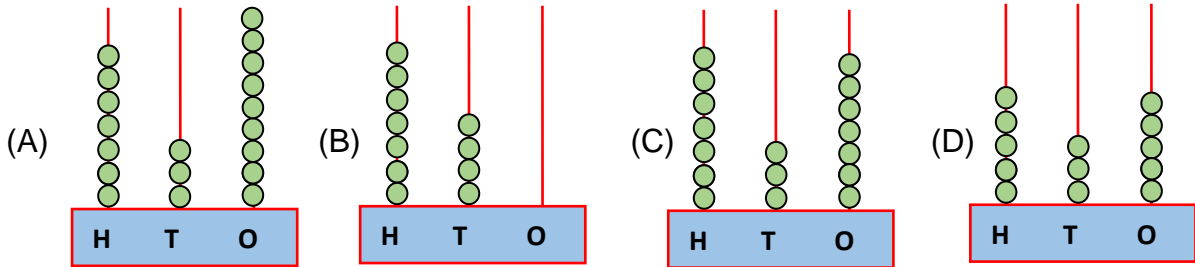
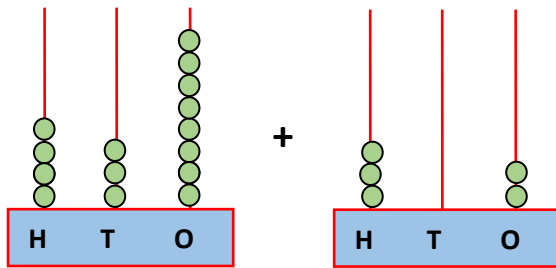
$\square + \square + \square + \bigcirc + \bigcirc = 22$

What is the value of  $\square$ ?

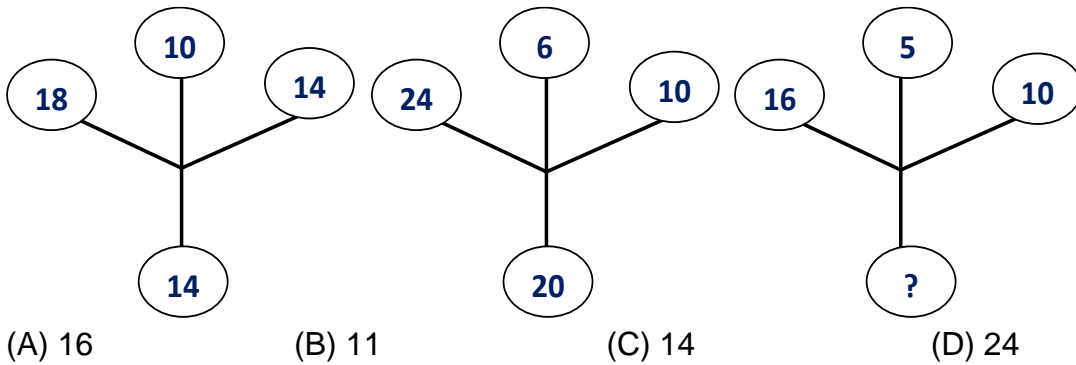
- (A) 8                      (B) 4                      (C) 6                      (D) 3

—SPACE FOR ROUGH WORK—

15. Find the value:

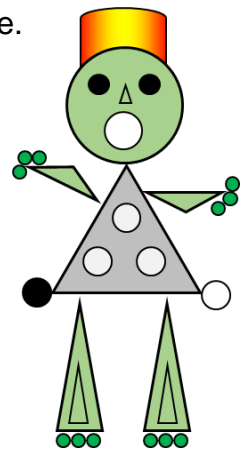


16. Find the missing number.



17. There are \_\_\_\_\_ circles and triangles altogether in the given picture.

- (A) 29                      (B) 21  
(C) 23                      (D) 13



—SPACE FOR ROUGH WORK—

18. Find the value of P and Q.

$$\begin{array}{r}
 2 \quad P \\
 + \\
 Q \quad 6 \\
 \hline
 7 \quad 4
 \end{array}$$

(A) 0, 4








(B) 4, 8

(C) 8, 4

(D) 8, 5

**Direction (Q. 19 to 20):** Read the given information carefully and answer the following questions.

This information represents number of books read by given students during summer vacations.

Name of the students	Number of books read
Aashu	
Amit	
Shahzad	
Aman	
Ashita	
Each  = 4 books and each  = 1 book	

19. Aashu read 4 books more than\_\_\_\_\_.

(A) Amit

(B) Shahzad

(C) Aman

(D) Ashita

20. Amit and Ashita together read \_\_\_\_\_ Books.

(A)24

(B) 25

(C) 26

(D) 20

### EVERYDAY MATHEMATICS

21. 75 Tickets were sold on Saturday. 38 Tickets were sold on Sunday. How many total tickets were sold in these two days?

(A) 103

(B) 110

(C) 113

(D) 112

—SPACE FOR ROUGH WORK—

22. Anju and Sonia baked 372 Cookies altogether. If Anju baked 187 cookies, then how many cookies did Sonia bake?

- (A) 175                      (B) 182                      (C) 185                      (D) 192

23. Manish has 18 cookies. His brother has 6 cookies. If they share the cookies equally with their sister, then how many cookies will each of them get?

- (A) 7                      (B) 8                      (C) 9                      (D) 10

24. If there are 48 sweets in one Jar, then how many sweets will be there in 7 similar jars?

- (A) 55                      (B) 326                      (C) 362                      (D) 336

25. What is the face value of the digit 8 in 5680?

- (A) 800                      (B) 80                      (C) 8                      (D) 800

26. I am more than 6 tens 8 ones but less than 8 tens 6 ones. Who am I?

- (A) 68                      (B) 86                      (C) 76                      (D) 89

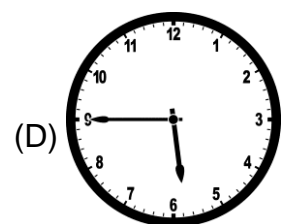
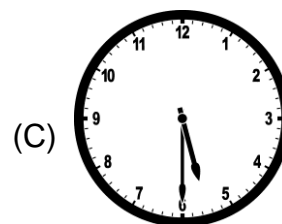
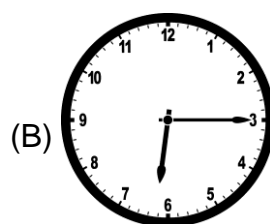
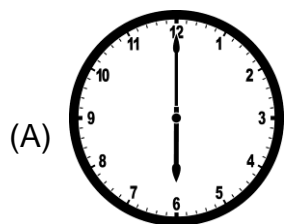
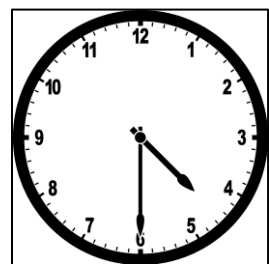
27. How many 50 paise coins are there in Rs. 11.

- (A) 20                      (B) 21                      (C) 22                      (D) 23

28. A three-digit number is 27 more than the smallest three-digit number. Find the digit at the hundred's place in that number?

- (A) 2                      (B) 1                      (C) 7                      (D) 9

29. Priya started doing her home work at the time shown. She finished her homework in 1 hour 45 minutes. Which clock shows the time she finished her homework?



—SPACE FOR ROUGH WORK—

30. If 1 basket of fruits costs ₹45, then cost of 2 such baskets of fruits will be \_\_\_\_.

(A) 



(B) 

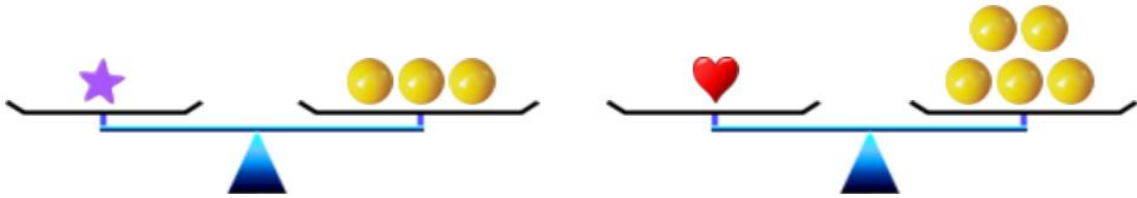
(C) 

(D) 

—SPACE FOR ROUGH WORK—

ACHIEVERS SECTION

31. If  is 72 kg, then the weight of  is \_\_\_\_\_.

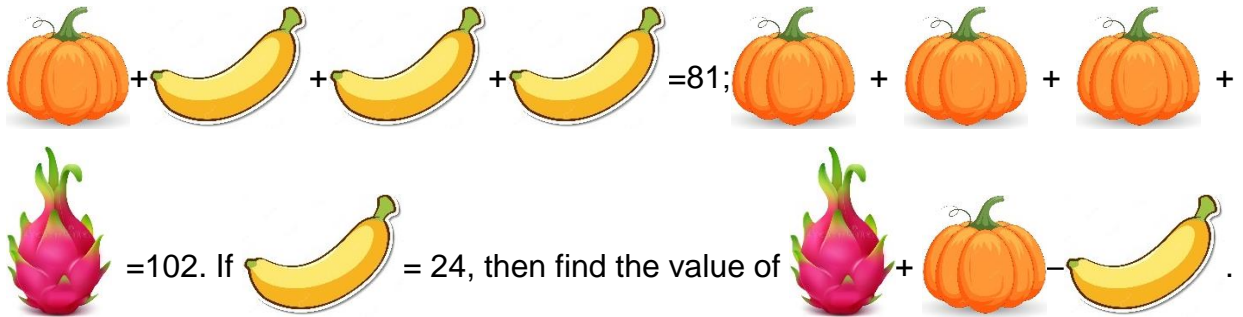


- (A) 360 kg                      (B) 120 kg                      (C) 220 kg                      (D) 320 kg

32. Select the CORRECT match.

P	Q	R
(A) 18 tens + 12 ones	192	One hundred and eight two
(B) 24 tens – 150 ones	85	Eighty-five
(C) 70 tens – 5 tens	650	Six hundred fifty
(D) 184 ones + 216 ones	490	Four hundred and ninety

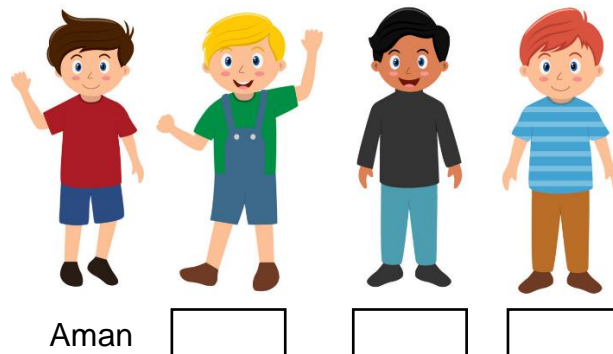
33. Study the given figures.



- (A) 80                      (B) 90                      (C) 70                      (D) 60

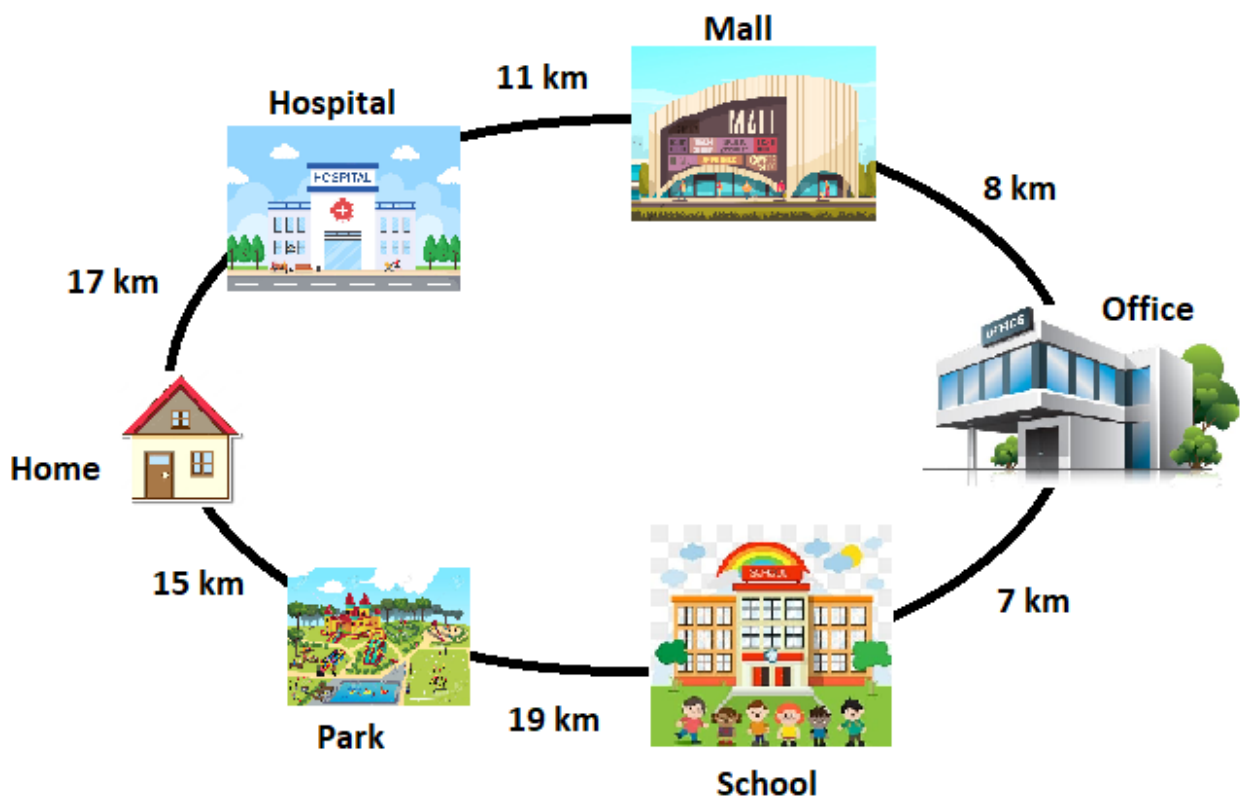
—SPACE FOR ROUGH WORK—

34. Aman is twice as heavy as Rohan. Mohit is 32 kg lighter than Aman. Soham is 16 kg heavier than Rohan. If the weight of Rohan is 43 kg and all are arranged in descending order according to their weights as shown, then select the correct option.



- (A) Mohit, Soham, Rohan  
 (B) Mohit, Rohan, Soham  
 (C) Soham, Rohan, Mohit  
 (D) Soham, Mohit, Rohan

35. Silpa travelled from her Home to Office. She took two routes.



1<sup>st</sup> route: Home → Hospital → Mall → Office

2<sup>nd</sup> route: Home → Park → School → Office

Which route is longer and by how much distance?

- (A) 1<sup>st</sup> route, 5 km  
 (B) 1<sup>st</sup> route, 36 km  
 (C) 2<sup>nd</sup> route, 5 km  
 (D) 2<sup>nd</sup> route, 41 km

—SPACE FOR ROUGH WORK—

—SPACE FOR ROUGH WORK—