



Young Scholars Foundation

Prizes

MATHEMATICS

**GRADE
2**

<p>1st Rank ₹50000</p> <p>+</p> <p>Gold Medal + Certificate of Excellence</p>	<p>2nd Rank ₹25000</p> <p>+</p> <p>Silver Medal + Certificate of Excellence</p>	<p>3rd Rank ₹10000</p> <p>+</p> <p>Bronze Medal + Certificate of Excellence</p>
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**4th TO 10th
Rank**
Rs 1100

+ Certificate of Excellence

**11th TO 50th
Rank**
Wrist Watch

+ Certificate of Excellence



Instructions

Time : 1 hour

Maximum Marks : 50

- Maximum Time is 1 hour & You will get additional ten minutes to fill up information about yourself on the OMR Sheet, before the start of the exam.
- Write your **Name, School Code, Class, Roll No.** and **Mobile Number** clearly on the **OMR Sheet** and do not forget to sign it.
- The Question Paper comprises four sections: **Mathematical Reasoning** (5 Questions), **General Maths** (15 Questions), **Logical Reasoning** (10 Questions) and **Wise Wizard** (10 Questions). Each question in Wise Wizard carries two marks each, whereas all other questions carry one mark each.
- All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
- To mark your choice of answers by darkening the circles on the OMR Sheet, use **HB Pencil** or **Blue / Black ball point pen** only.

Roll No

Student Name

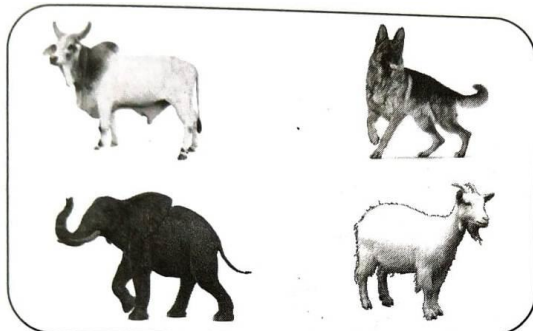
Father's Name

SECTION - A (MATHEMATICAL REASONING)

Q1. What is the place value of 3 in the sum of $17+11+8$.

- a. 10 b. 6 c. 30 d. 36

Q2. There are four animals. What is the sum of numbers of their legs and tails?



- a. 4×4 b. $4 \times 4 \times 2$ c. $4 \times 4 + 2$ d. $4 \times 4 + 4$

Q3. 2 hundreds 2 tens + 6 hundreds 2 tens 7 ones is equal to _____

- a. 515 b. 579 c. 847 d. 867

Q4. Meera had some pencils and 6 bags. She put 5 pencils into each bag. If she had 4 pencils left, how many pencils did she have at first?

- a. 28 b. 32 c. 30 d. 34

Q5. Arrange in order . Begin with the shortest 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 , 4m d. 40m, 4m, 40 cm

SECTION - B (GENERAL MATHS)

Q6. Study the pattern:

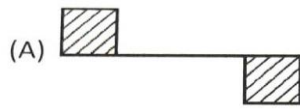
$$1 \times 8 + 1 = 9$$

$$12 \times 8 + 2 = 98$$

Next step is _____

- a. $120 \times 8 + 0 = 960$ b. $13 + 8 + 3 = 107$ c. $123 \times 8 + 3 = 987$ d. $1234 \times 8 + 4 = 9876$

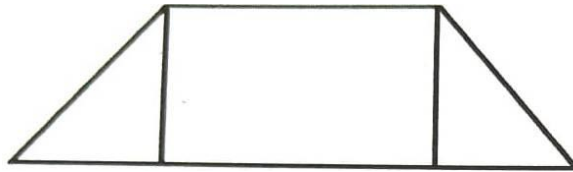
Q7. Find the odd one out:-



Q8. Which of the following is more than $7 + 5$ but less than $8 + 6$?

- a. $10 + 3$ b. $7 + 6$ c. $8 + 5$ d. All of these

Q9. The figure given below is made up of 2 triangles and a _____



- a. Square b. Circle c. Rectangle d. Oval

Q10. A door is 225cm tall. A child who is 108 cm tall and standing at the door. The gap between the head of the child and the top of the door is _____cm.

- a. 335 cm b. 117 cm c. 107 cm d. 110 cm

Q11. Bobby cut a string of length 27 m into 3 equal pieces. Find the length of each piece of string.

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

Q12. When a number is divided by 2 and then multiplied by 5, the result is 25. What is the number?

- a. 12 b. 10 c. 8 d. 6

Q13. What is the least number of triangles needed to form the shape below?



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

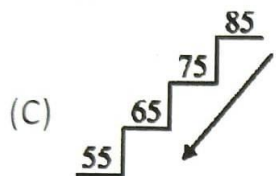
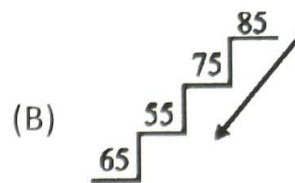
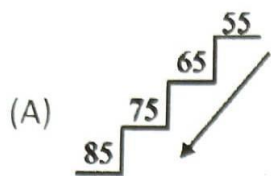
Q14. Rajat has some money as shown below:



Which of the following amounts of money is more than the amount of money he has?

- a. Rs.37.00 b. Rs. 37.50 c. Rs. 32.70 d. Rs. 38.85

Q15. Which one of the following is in descending order?



(D) All of these

Q16. A three digit number is 24 more than the three digit smallest number, what will be the digit at hundreds place?

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

Q17. Which mathematical statement gives same value as $21 - 13$?

- a. $16 - 16$ b. $18 - 8$ c. $10 - 8$ d. $23 - 15$

Q18. Which one of the following options is correct for the given figure?

$18 + 18 + 18 + 18 + 18 + 18 + 18$

- a. The sum of numbers is 126
 b. The sum of numbers can be written as 18×7
 c. Both a and b
 d. The sum of numbers is 136

Q19. A line of 1 metre is divided into 20 equal parts. What would be the length of each part of the line?

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

Q20. Compare 880 paise and Rs. 1. Find the difference?

- a. Rs. 7 and 80 paise b. Rs. 6 and 40 paise
c. Rs. 5 and 20 paise d. All of these

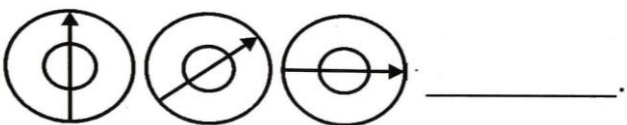
SECTION - C (LOGICAL REASONING)

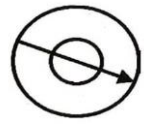


Q21. Observe the following number pattern:-

1,5,9,13,?

Replace the question mark with a number from the options given below.


- a. 17 b. 21 c. 25 d. All of these

Q22. What will come in the blank? 

- (A)  (B)  (C)  (D) All the above

Q23. Continue the pattern:



- (A)  (B) 
(C)  (D) All the above

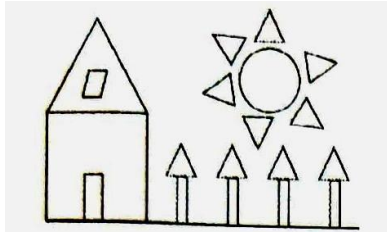
Q24. If + means (-) and (-) means (+) then find the value of 18-16+12.

- a. 22 b. 14 c. 24 d. All of these

Q25. Find out which one of the following figures is different from other three?

- (A)  (B) 
(C)  (D) 



Q26. How many triangles are there in the following figure?

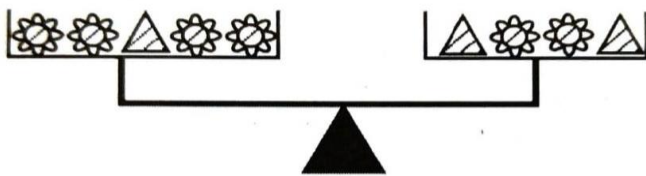


- a. 8 b. 6 c. 5 d. 11

Q27. If  is to , then  is to _____.

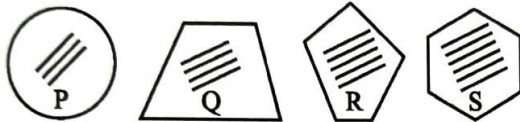
- (A)  (B)  (C)  (D) 

Q28. Each  stands for 1 unit. Find the weight of 



- a. 1 unit b. 3 units c. 5 units d. 2 units

Q29. Which figure does not match in the group?













- a. R b. P c. Q d. S

Q30. If CAT is coded as PATC, JOY is coded as POYJ; similarly the word WING will be coded as –

- a. PIGNW b. PINGW c. PGNIW d. PIWGN

SECTION - D (WISE WIZARD)

Q 31. Find the value of .

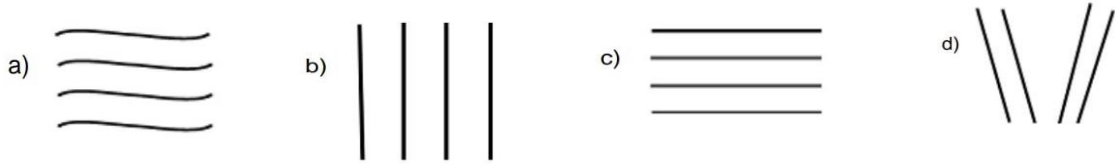
If  +  +  +  +  +  = 80 and  +  +  +  = 60

- a. 60 b. 20 c. 10 d. 15

Q32. Nisha wants to buy a water bottle and the cost of bottle is Rs. 200. How many 20 rupees note is required to buy this bottle?

- a. 20 b. 15 c. 10 d. 5

Q33. Which of the following straight lines are slanting?



Q34. Rahul leaves for the school at 7:30 a.m. and comes back to his home after 6 hours 15 minutes. When did he reach home?

- a. 1:15p.m. b. 1:45p.m. c. 1:15a.m. d. 1:45 a.m.

Q35. I am thinking of a number. When I double the number and add 9 to the result the answer is 29. What is the number I am thinking of ?

- a. 38 b. 29 c. 18 d. 10

Q36. If $\diamond + \diamond + \diamond + \diamond = 5640$, then $1500 - \diamond = \square$, $4 \times \square + 5 \times \diamond = ?$

- a. 1000 b. 1690 c. 7410 d. 1310

Q37. Which of the following two consecutive months have 31 days?

- a. May and June b. June and July
c. July and August d. All the above

Q38. Preeti and Nisha have a problem. Preeti thinks 42 tens is less than 390. Nisha thinks 42 tens is greater than 390. Who is correct?

- a. Nisha b. Preeti c. Both of them d. None

Q39. The capacity of the boat is 7 people.



How many people must get off the boat, so that it does not sink?

- a. 4 b. 3 c. 5 d. 1

Q40. Raj has 26 toffees. He gave one-half to his friend. How many toffees did he give to his friend?

- a. 13 toffees b. 20 toffees c. 12 toffees d. 10 toffees

Space for rough work
