

CLASS

2

SAMPLE PAPER



International Mathematics Olympiad

The actual test paper has 35 questions. Time allowed : 60 minutes. There are 3 sections: 10 questions in section I, 15 in section II and 10 in section III.

Section – I : Logical Reasoning, **Section – II** : Mathematical Reasoning &

Section – III : Everyday Mathematics

SYLLABUS

Numerals and number name, Number Sense (3 digit number), Addition, Subtraction, Money, Measurement of length (conversions), Weight, Time and Temperature, Calendar, Point, Line and Plane Figures, Problems based on figures, Patterns, Series completion, Find odd numeral out, Geometrical shapes.



International Mathematics Olympiad

1. Largest two digit number is

(A)

0	1
---	---

(B)

1	0	0
---	---	---

(C)

9	0
---	---

(D)

9	9
---	---

2. Total number of leaves in the given figure can be found using

(A) $3 + 3 + 3$

(B) $3 + 2 + 1$

(C) $3 + 3$

(D) $3 + 3 + 2$



3. There are 684 pupils in a school. 297 of them are boys. How many girls are there in the school?

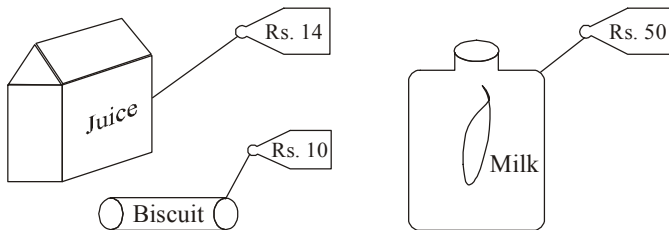
(A) 388

(B) 387

(C) 487

(D) 587

4.



What is the total cost of the food items displayed ?

(A) Rs. 74

(B) Rs. 84

(C) Rs. 64

(D) Rs. 70

5. What note would you use to pay for a Geometry box costing Rs. 18 ?

(A) 10 rupee note

(B) 20 rupee note

(C) 5 rupee note

(D) 2 rupee note

6. A leap year is a year that has

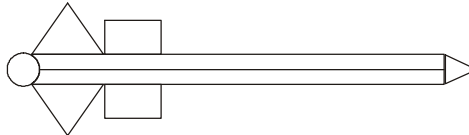
(A) An extra day

(B) An extra week

(C) An extra month

(D) An extra hour

7. Number of triangles in the given figure



(A) 3

(B) 4

(C) 5

(D) 0

8. What will come next in the sequence ?



(A)

○	○
---	---

(B)

△	○
---	---

(C)

□	□
---	---

(D)

○	△
---	---

9. What will come next in the sequence ?



(A)

△

(B)

○

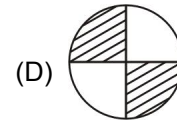
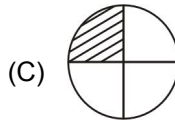
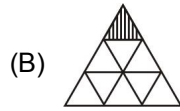
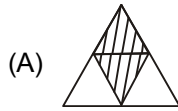
(C)

△

(D)

□

10. Which of the following shows $\frac{1}{4}$ part shaded ?



11. In 3278, 2 is in which place ?

- (A) Ones (B) Hundreds
(C) Tens (D) Thousands

12. 5 Hundreds, 1 ones and 5 tens will make

- (A) 551 (B) 510
(C) 155 (D) 515

13. There are 15 beetles. Ring the beetles into group of 3. How many groups will be formed ?

- (A) 5 (B) 6 (C) 4 (D) 3

14. When arranged in order from smallest to biggest, which number will be at last position in the sequence?
21, 12, 79, 63, 36, 47

- (A) 79 (B) 36 (C) 47 (D) 12

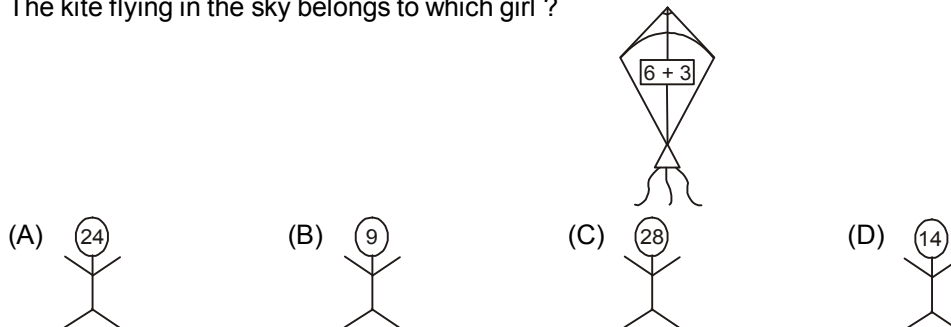
15. Anupriya had Rs. 90. She bought a pair of scissors for Rs. 60. How much amount she has now ?

- (A) Rs. 30 (B) Rs. 40
(C) Rs. 35 (D) Rs. 25

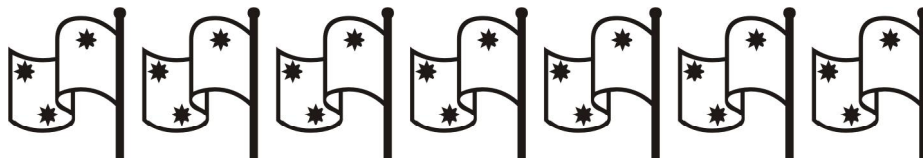
16. Mrs. Tanuja bakes 20 cup cakes. If she packs 4 cup cakes in one box, how many boxes does she need to pack all the cakes ?

- (A) 7 boxes (B) 6 boxes
(C) 5 boxes (D) 3 boxes

17. The kite flying in the sky belongs to which girl ?



18. There are 3 stars on a flag. There are 7 such flags. How many stars are there altogether ?



- (A) 20 (B) 21
(C) 28 (D) 27

19. Reena has 496 story books. Mona has 388 story books. How many story books do they have in all ?

- (A) $496 - 388$ (B) $496 + 388$
(C) $388 - 469$ (D) $496 + 496$

20. Which of the following digit in 928 is at hundreds place ?

- (A) 2 (B) 0
(C) 9 (D) 8

SAMPLE ANSWER SHEET

1. **NAME** : If your name is SACHIT AIYER, then you should write as follows :

S	A	C	H	I	T	A	I	Y	E	R											
---	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--

2. **Father's Name** : If your father's name is SATISH KUMAR SHARMA, then you should write as follows :

S	A	T	I	S	H	K	U	M	A	R	S	H	A	R	M	A						
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--	--

SCHOOL CODE

M	H	0	5	4	7
A	A	●	0	0	0
B	B	1	1	1	1
C	C	2	2	2	2
D	D	3	3	3	3
E	E	4	4	●	4
F	F	5	●	5	5
G	G	6	6	6	6
H	●	7	7	7	●
I	I	8	8	8	8
J	J	9	9	9	9
K	K				
L	L				
●	M				
N	N				
O	O				
P	P				
Q	Q				
R	R				
S	S				
T	T				
U	U				
V	V				
W	W				
X	X				
Y	Y				
Z	Z				

3. SCHOOL CODE

Write your school code i.e. if your school code is MH0547 darken as follows :

Darken the circle

6. GENDER

If you are a boy, then darken Male circle

GENDER	
MALE ●	FEMALE ○

4. CLASS

If you are in Class 10, then you should darken as follows :

5. ROLL NO.

If your roll no. is 587, then you should write and darken the circles as follows :

CLASS		ROLL NO.		
1	0	5	8	7
●	●	0	0	0
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	●	5	5
6	6	6	6	6
7	7	7	7	●
8	8	8	●	8
9	9	9	9	9

Darken the circle

CORRECT
way to darken the circle

WRONG
way to darken the circle

7. If your choice for Answer 1 is C, then you should darken the circle as follows : 1. (A) (B) ● (D)

MARK YOUR ANSWERS WITH HB PENCIL/BALL POINT PEN (BLUE/BLACK)

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- | | | | | |
|--------------------|--------------------|---------------------|---------------------|---------------------|
| 1. (A) (B) (C) (D) | 5. (A) (B) (C) (D) | 9. (A) (B) (C) (D) | 13. (A) (B) (C) (D) | 17. (A) (B) (C) (D) |
| 2. (A) (B) (C) (D) | 6. (A) (B) (C) (D) | 10. (A) (B) (C) (D) | 14. (A) (B) (C) (D) | 18. (A) (B) (C) (D) |
| 3. (A) (B) (C) (D) | 7. (A) (B) (C) (D) | 11. (A) (B) (C) (D) | 15. (A) (B) (C) (D) | 19. (A) (B) (C) (D) |
| 4. (A) (B) (C) (D) | 8. (A) (B) (C) (D) | 12. (A) (B) (C) (D) | 16. (A) (B) (C) (D) | 20. (A) (B) (C) (D) |

ANSWERS

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- | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1. (D) | 2. (A) | 3. (B) | 4. (A) | 5. (B) | 6. (A) | 7. (A) | 8. (B) | 9. (C) | 10. (C) |
| 11. (B) | 12. (A) | 13. (A) | 14. (A) | 15. (A) | 16. (C) | 17. (B) | 18. (B) | 19. (B) | 20. (C) |