

# Olympiad Foundation

SAMPLE PAPER CLASS-5<sup>th</sup>



## Division of Marks

S.No.	Topic/Section	No. of Question	Marks
1	MATHEMATICS	25	25
2	HOTS (High Order thinking Skill)	10	10
3	Reasoning & Mental Ability	15	15
	Total	50	50

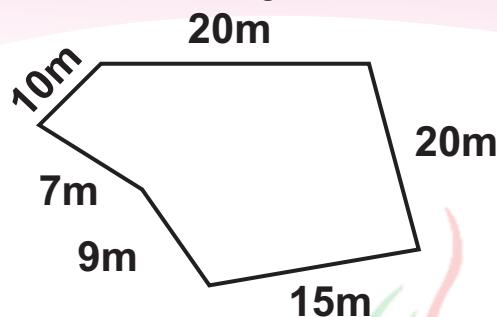
### INSTRUCTIONS :

1. Use Blue/Black ballpoint pen only to darken the appropriate circle.
2. Mark should be dark and should completely fill the circle.
3. Dark only one circle for each entry.
4. Dark the circle in the space provided only.
5. Rough work must not be done on the answer sheet and do not use white -fluid or any other rubbing material on Answer sheet.
6. Each question carries one mark.

**Select the correct answer and darken your answer in the table :**

MATHEMATICS

8. Ella walked once around the given track. How far did Ella walk?



- (A) 810 cm      (B) 81 cm  
(C) 8100 cm      (D) None of these

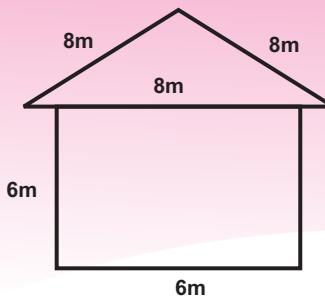
9. Jessy was 1 m 25 cm tall last year. This year, he is 12 cm taller. How much taller is Jessy than Teresa now, if Teresa is 1 m 8 cm tall?

(A) 10 cm      (B) 25 cm  
(C) 29 cm      (D) 10 cm

10. How many of the following letters have a vertical line of symmetry:

# OLYMPIAD

12. Trini has a project to decorate the boundary of a shape of given below with a ribbon. How much ribbon will be used to decorate the boundary?





13. Find the value of  $0.05/500$

- | Sample | Abundance Ratio |
|--------|-----------------|
| (A)    | 1/1000          |
| (B)    | 1/10000         |
| (C)    | 1/ 100          |
| (D)    | 1/5000          |

14. If you purchase 1.58 kg sugar, then how much sugar did you purchase in grams.

- (A) 1580 g      (B) 15800 g  
(C) 400 g      (D) 1000 g

15. What fraction of 3.6 kg is 300 g?

- (A)  $\frac{1}{16}$       (B)  $\frac{1}{12}$   
(C)  $\frac{1}{8}$       (D)  $\frac{1}{6}$

16. What time is 3h 20 min before 11:15 am?



- $$17. \ 2\frac{1}{8} \text{ years} = \underline{\hspace{2cm}} \text{ months}$$

18. Period from January 1, 2008 to December 31, 2020 will contain

(A) 4750 days

(B) 4749 days

(C) 4748 days

(D) 4745 days

19. What is the measure of each angle of a rectangle?

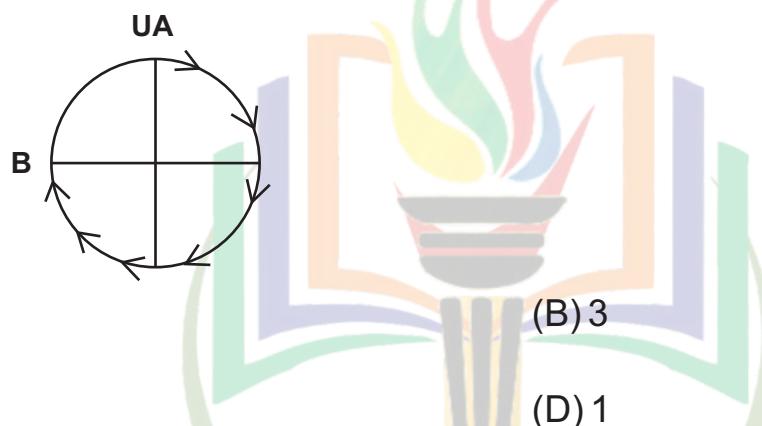
(A)  $30^\circ$

(B)  $90^\circ$

(C)  $45^\circ$

(D) None of these

20. A person starts from A and reaches to B by following arrowed path. How many right angle does he cover?



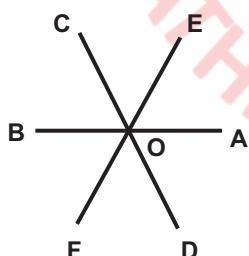
(A) 4

(C)2

(B) 3

(D) 1

21. Which of the following rays are the arms of  $\angle AOC$ ?



(A) OC, OD

(B) OA, OE

(C) OC, OE

(D) OA, OC

22.  $\frac{1}{2}$  of a complete turn is

(A) 4 right angle

(B) 2 rights angle

(B) 3 right angle

(D) 1 straight angle

23. A rectangular field is 6 m 15 cm long and 250 cm board, Find its area in square meters?

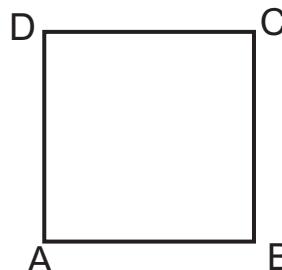
(A)  $12.75 \text{ m}^2$

(B)  $93.75 \text{ m}^2$

(C)  $153.75 \text{ m}^2$

(D)  $15.375 \text{ m}^2$

24. If each side of the given figure is 3.8 cm, then its perimeters \_\_\_\_\_



(A) 34.2 cm

(B) 38 cm

(C) 41.8 cm

(D) 45.6 cm

25. How many cubic decimeters are there in one cubic metre?

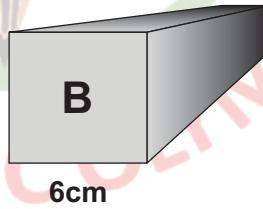
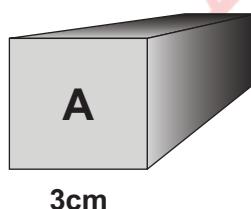
(A) 10

(B) 100

(C) 1000

(D) 10000

26. What fraction of the volume of cube B is cube A?



(A)  $1/12$

(B)  $1/8$

(C)  $1/4$

(D)  $1/2$

27. Write the next term of the pattern. 10, 21, 32, 43, \_\_\_\_\_

(A) 54

(C) 53

(B) 52

(D) 51

28. Choose the missing term from the term given below:

AB, EFG, JKLM, \_\_\_\_\_ WXYZAB

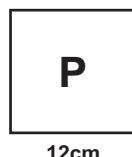
(A) NOPQR

(B) PQRST

(C) RQSTU

(D) PQSTU

29. The total perimeter of square P and rectangle Q is 94 cm. The length of rectangle Q is:



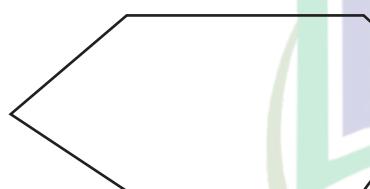
(A) 12 cm

(B) 15 cm

(C) 17 cm

(D) 18 cm

30. How many angle does the figure have?



(A) 3

(B) 5

(C) 8

(D) 10

31. How many compete weeks are the is 233 days?

(A) 32

(B) 34

(C) 33

(D) 35

32. How many sides does the figure have?



(A) 4

(B) 3

(C) 2

(D) 1

33. Which of the following fraction equals to 0.0836?

(A)  $\frac{836}{10000}$

(B)  $\frac{500}{10}$

(C)  $\frac{600}{100}$

(D)  $\frac{800}{900}$

34. Find the sum:  $108 \frac{1}{5} + 108 \frac{2}{3} + 108 \frac{3}{5} + 108 \frac{4}{5}$

(A)  $216 \frac{3}{5}$

(B)  $109 \frac{2}{3}$

(C) 109

(D) None of these

35. Cheenu is 12 years 8 months old and her sister Meenu is 6 years 10 months old. How much older is Cheenu than Meenu?

(A) 6 year 4 months

(B) 6 Year 1 Month

(C) 5 Year 10 Months

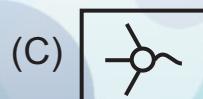
(D) 5 Year 10 Months

## REASONING AND MENTAL ABILITY

36. Which figure will replace the question mark in the figure pattern below:



37. Select a figure among the four options :



38. Which number will replace (?) in number series below?

- 2
  - 5
  - 12
  - 27
  - 58
  - ?



39. Which is the mission number in the matrix?

3	?	1
2	4	6
7	0	5

- (A) 6
  - (B) 7
  - (C) 8
  - (D) 9

40. Choose the odd one:

- (A) 2 - 8      (B) 3 - 27  
(C) 4 - 32      (D) 5 - 125

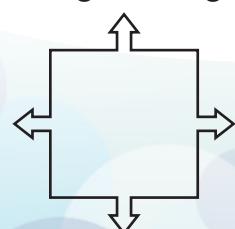
41. 5:36::25: ?

- (A) 676      (B) 1248  
(C) 1196      (D) 1286

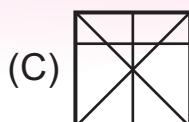
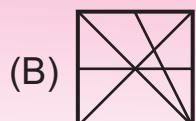
42. Select the odd one



43. How Many right angle triangle in this figure.



44. In which of the following figure, fig (x) is exactly embedded as one of its part?



45. Find the mirror image of following (Q 45, 46) REASON

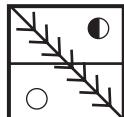
(A) NOSARE

(B) EARSPN

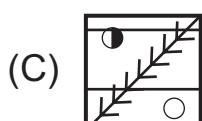
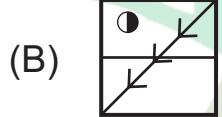
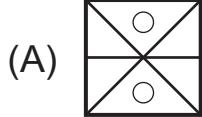
(C) MPASER

(D) REASON

46.



find the mirror image of this figure :



47. Geeta ranked 7<sup>th</sup> in class of 49 students from the top. What is her rank from the bottom in the class?

(A) 49<sup>th</sup>

(B) 48<sup>th</sup>

(C) 43<sup>th</sup>

(D) 50<sup>th</sup>

48. Which word can be made from the given combination of letter? TSALE

(A) PAIN

(B) SHORT

(C) TALL

(D) LEAST

49. Arrange the following

1	2	3	4	5
Stem	Fruit	Root	Seed	Flower

(A) 1, 2, 3, 4, 5

(B) 3, 4, 1, 2, 3

(C) 4, 1, 3, 2, 5

(D) 4, 3, 1, 5, 2

50. Five boys took part in a race, Raj finished before Mohit but behind Gaurave, Ashish finished before Sunchit but behind Mohit. Who won the race?

(A) Raj

(B) Gaurav

(C) Mohit

(D) Ashish

**ANSWER KEY**

1	A	11	A	21	D	31	B	41	A
2	A	12	C	22	C	32	B	42	B
3	C	13	B	23	D	33	A	43	A
4	A	14	A	24	B	34	A	44	A
5	D	15	B	25	C	35	C	45	D
6	B	16	C	26	B	36	D	46	C
7	A	17	D	27	A	37	D	47	C
8	C	18	B	28	B	38	D	48	D
9	C	19	B	29	B	39	C	49	C
10	A	20	B	30	B	40	C	50	B