



UNIFIED COUNCIL

An ISO 9001:2015 Certified Organisation



Unified International
Mathematics Olympiad

UNIFIED INTERNATIONAL MATHEMATICS OLYMPIAD (UPDATED)

CLASS - 1

Question Paper Code : UM9009

KEY

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

EXPLANATIONS

MATHEMATICS

1. (B)

$$\begin{array}{r} 17 \\ + 65 \\ \hline 82 \end{array}$$

2. (D) $8 - 4 = 4$

3. (B) The shortest length is in between rabbit and carrot

4. (c) Noon is 12 O' clock

5. (C) Jatin have $7 \times 2 = 14$ pencils with him

6. (C) The shaded region is circle

7. (D) Flower V is in the first position from the right. So, U is in the second position

8. (D) S is the longest bar with 6 ' s

9. (A) Rohit is in 7th place from back

10. (D) 4 chicks = 16 units

1 chick = 4 units

11. (C) Number of cards left = $15 - 3 = 12$

12. (A) ₹ 5 + ₹ 5 + ₹ 10 + ₹ 20 + ₹ 1 = ₹ 41

13. (B) Option (B) has least capacity of water

14. (C) Option (A) : $8 - 2 = 6$

Option (B) : $7 - 1 = 6$

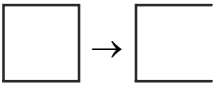
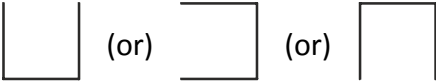
Option (C) : $9 - 4 = 5$

Option (D) : $10 - 4 = 6$

15. (D) The shape of the top of house is triangle

16. (C) $3 + 5 = 8$; $3 + 6 = 9$

$5 + 6 = 11$

17. **(B)** Lizard is the lightest animal among all
18. **(A)** * is sixth from right
19. **(D)** There are 12 triangles in the given picture.
20. **(C)** Dolly finish her dinner at 7:00 pm
21. **(C)** Spoon holds less capacity than given glass
22. **(B)** Amount with Vinod = ₹ 70
Vinod has ₹ 50 more than Manish
Amount with Manish = $70 - 50 = ₹ 20$
23. **(C)** $20 - 15 = 5$
24. **(A)**  (or) 
25. **(D)** Toffees = chocolates + lollipops
 $= 3 + 5 = 8$
26. **(A)** 7 pencils + 2 erasers = 9
27. **(B)** 4 pins
28. **(C)** Option (C) is larger jug to fill the pot with 2 jugs of water
29. **(B)** The mass of the pineapple is 12 units
30. **(A)** Half past one = 1:30

REASONING

31. **(D)** Option (D) is different from others. Options (A), (B) & (C) are fruits, whereas option (D) is vegetable.
32. **(D)** Option (D) is same as the given image.
33. **(A)**  :  ::  : 
34. **(C)** The given pattern is hidden in option (C).
35. **(A)**    
36. **(D)** The ball in option (D) is present in the given group of balls.
37. **(C)** Option (C) is different from other three.
38. **(B)** 
39. **(C)**  :  ::  : 
40. **(D)** The given shape is hidden in option (D)



The End