



Unified International
Mathematics Olympiad

UNIFIED INTERNATIONAL MATHEMATICS OLYMPIAD (UPDATED)

CLASS - 1
Question Paper Code : UM9274

KEY

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

EXPLANATIONS

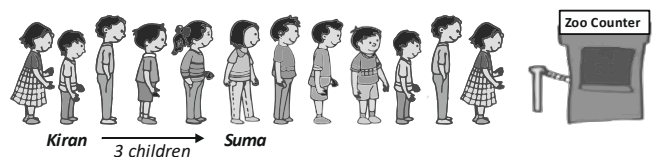
MATHEMATICS

01. (C) ₹ 60 – ₹ 15 = ₹ 45
02. (A) Clock in option (A) shows 3:40
After 25 minutes it change to 4:05
03. (D) The possible weight of gift box is more than 7 blocks.
04. (D) ₹ 43 + ₹ 15 = ₹ 58
05. (D) 49 > 25
06. (C) Ordinal number for 6 is 6th
07. (C) 300 g + 300 g = 600 g
08. (D) Number of girls = 9
boy should be > 9

- ∴ If $9 + 8 = 17$
possible total should be 17 or less than 17
- ∴ In option (D) 16 is correct



10. (B)



11. (A) $5 + 11 = 16$

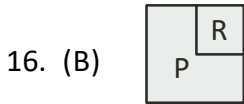
She bought 16 apples



12. (B) 




13. (C) $8 + 7 = 15$ (2 more than 13)

14. (D) $9 - 4 = 5$


15. (C) $30 + 11 = 41$



17. (A)  = 6 ;  = $9 - 6 = 3$

 =  + 

$6 = 11 + 3$

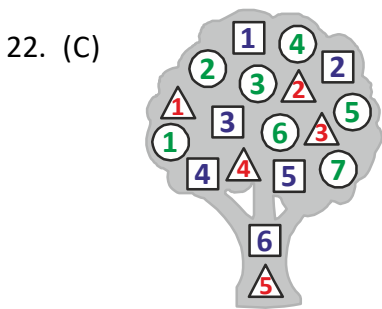
 = $6 - 3 = 3$

18. (C) Meterstick is appropriate tool to measure the ball throw.

19. (C) If she had a music class yesterday and has a class every third day, her next class will be two days from now.


20. (D) $₹ 22 - ₹ 20 = 2$
i.e., (₹ 2 coin or two ₹ 1 coins)



21. (C) $5 + 4 = 9$ (no regrouping)
∴ The digits should be > 5 (6, 7, 8, 9)




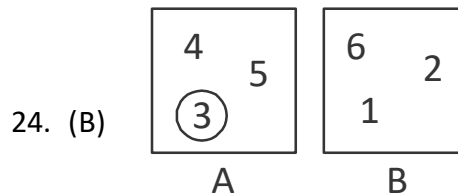
23. (A)  = ,



= 5×2 

\Rightarrow  = 10 

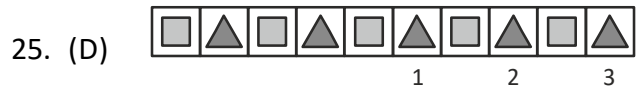
∴ One  is equal to 10 cups



Set A = $4 + 3 + 5 = 12$

Set B = $6 + 2 + 1 = 9$

From Set A, 3 should be moved to Set B, so that the sum of the numbers in Set B is 3 more than Set A.




26. (C)

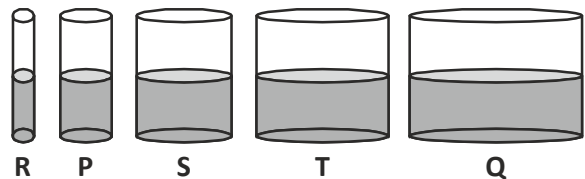
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40

27. (D) Cup C, Cup B, Cup A



29. (B)  = 2 and  = 4

30. (C)

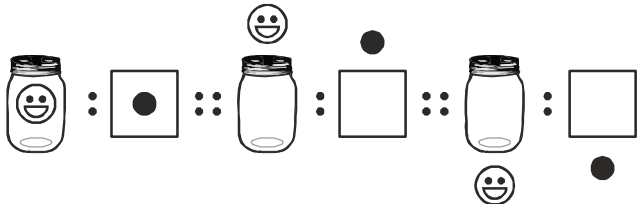


REASONING

31. (D)



32. (B)



33. (B)



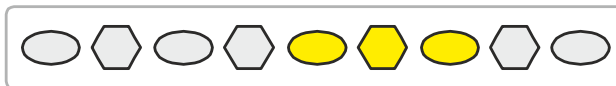
34. (A)



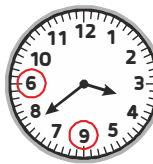
35. (C)

A	B	C	D
1	2	3	4
E	F	G	H
5	6	7	8

36. (A)



37. (C)



38. (A) The given group belongs to cricket.



39. (D) PRS (Except option D, remaining options the letters are in sequence)

40. (C)



The End