



# UNIFIED COUNCIL

An ISO 9001:2015 Certified Organisation



## UNIFIED CYBER OLYMPIAD (UPDATED)

CLASS - 4

Question Paper Code : UC345

### KEY

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

### SOLUTIONS

#### MENTAL ABILITY

1. (B)  $1,00,00,000 + 99,99,99,999 = 1,00,99,99,999$

2. (C)  $32 - 27.091 = 4.909$

3. (A) Remaining part =  $1 - \frac{3}{5} = \frac{2}{5}$

$\frac{2}{5}$  th part = 80 pages

Total pages =  $80 \times \frac{5}{2} = 200$

4. (A) 2,23,499

5. (C)  $\frac{40}{21} \times \frac{3}{8} = \frac{5}{7}$

6. (A) 53

7. (C)  $642 - 2 = 640$  which is divisible by 8

8. (C) 6 years 8 months + 3 years 6 months =  
80 months + 42 months = 122 months

9. (C) 44.3456

10. (C) 9,87,630

11. (A)  $\frac{9}{4} + \frac{29}{8} + \frac{31}{6} = \frac{54+87+124}{24}$

$= \frac{265}{24} = 11\frac{1}{24}$

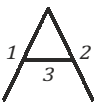
12. (C) 40 km 500 m - 26 km 250 m - 13 km  
740 m = 510 m

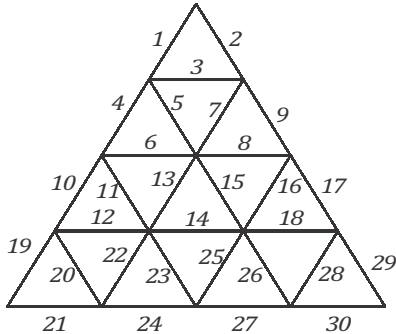
13. (D)  $1 + 2 + 4 + 5 + 7 + 10 + 14 + 20 + 28 + 35$   
 $+ 70 + 140 = 336$

14. (C)  $350\text{ml} \times 45 \text{ min} = 15.75 \text{ L}$

15. (B) One ball stands for 5  
Two balls stand for 10

**REASONING**

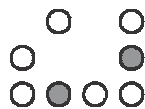
16. (A)   $\Rightarrow$  3 match sticks



$\Rightarrow \therefore$  30 match sticks are required to draw the given shape.

17. (D) In the family, there are total 3 ladies (wife & two daughter and 3 gents (husband and two sons). Therefore, the total family members are 6. All the ladies went out for dinner. So,  $6 - 3 = 3$  members are left. Two boys went for a game So,  $3 - 2 = 1$  left. Husband did not return from office, So,  $1 - 1 = 0$ . Therefore no one was at home.

18. (B) Deleting the shaded part in each step.



19. (A) Forwarding alphabets by 1, 2, 3, 4 and 5 respectively.



20. (D)
21. (C) Rabbits have 4 legs and chickens have 2 legs  
 $28 \times 4 = 112$  legs     $44 \times 2 = 88$  legs  
 $112 + 88 = 200$  legs  
 $28 + 44 = 72$  heads

22. (A) 6 months ;  $6 \times 4$  [ $\because$  1 month = 4 weeks]  
23. (A) Option A has all different shapes. In option B, shaded square is smaller than unshaded square. In option C, shaded part and unshaded part are opposite in direction. In option D, shaded and unshaded part are equal in size.

24. (D) Option A, B, C are same images with respect to rotation, but option D is mirror image.

25. (D)  $1 \ 2 \ 3 \ 4 \ 5 \ 6 \ 7 \ 8 \ 9 \ 10 \ 11 \ \boxed{12}$   
 $13 \ - \ - \ - \ - \ \boxed{21} \ 22 \ 23 \ 24 \ - \ - \ 35$   
 $\downarrow$   
Ravi

So, there are 8 students between Anu and Ravi.

26. (C) 'P' shows the representation of figure. 'W' represents size of the figure  
27. (B) There are 36 blocks in the given image.




28. (C)

In the first pair, second image is formed by interchanging shaded and unshaded parts.

29. (A)
- |      |       |      |
|------|-------|------|
| Babu | Sanju | Teju |
| 4    | 5     | 6    |
| Mahi | Suman |      |
| 1    | 2     | 3    |

So, Mahi live in block 1.

30. (B) 

**COMPUTERS**

31. (A)    32. (C)    33. (A)  
34. (D)    35. (C)    36. (A)  
37. (B)    38. (B)    39. (A)  
40. (D)    41. (D)    42. (A,C)  
43. (B)    44. (A)    45. (B)

**ENGLISH**

46. (C)    47. (A)    48. (B)  
49. (D)    50. (D)