



UNIFIED COUNCIL

An ISO 9001:2015 Certified Organisation



UNIFIED CYBER OLYMPIAD (UPDATED)

CLASS - 5

Question Paper Code : UC345

KEY

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

SOLUTIONS

MENTAL ABILITY

1. (A) $LCM \text{ of } 20, 25, 35 \text{ \& } 40 - 6$
 $= 1400 - 6 = 1394$

2. (C) $792 \times 650 = (800-8) 650$
 $= 800 \times 650 - 8 \times 650$

3. (C) $LCM = \frac{\text{Product of numbers}}{HCF} = \frac{3072}{16}$
 $= 192$

4. (D) $\frac{2}{15} + \frac{4}{15} + \frac{5}{15} = \frac{2+4+5}{15} = \frac{11}{15}$
 $\Rightarrow \frac{2}{15} + \frac{8}{15} + \frac{1}{15} = \frac{11}{15}$

5. (C) $63.257 \text{ km} - 48.56 \text{ km} = 14.697 \text{ km}$

6. (C) $\frac{37}{12} + \frac{7}{4} + \frac{5}{2} - \frac{3}{2} + \frac{1}{3} = \frac{37+21+30-18+4}{12}$
 $\Rightarrow \frac{74}{12} = \frac{37}{6} = 6\frac{1}{6}$

7. (D) $\frac{\text{₹ } 724.86}{9} = \text{₹ } 80.54$

8. (B) $\frac{3}{4}$

9. (D) $1289 + 1246 - 2476 = 59$

10. (B) $\frac{47}{4} \times \frac{24}{6} - 2 + 15 = 45 + 15 = 60$

11. (B) $10 \text{ h } 40 \text{ min} + 7 \text{ h } 58 \text{ min} = 18 \text{ h } 38 \text{ min}$

12. (C) ₹50 - ₹22.5 - ₹9.25 - ₹6.92 = ₹11.33

13. (A) 93 kg 075 g

14. (C) $\frac{29.75\text{mt}}{14} = 2.125\text{mts}$

15. (D) Number of books = $\frac{₹ 65}{₹ \frac{13}{3}} = 15$

REASONING

16. (D) 43 is repeating alternatively and middle numbers are subtracted by 10.

$21 - 10 = 11; 11 - 10 = 1; 1 - 10 = -9.$



17. (C)

18. (B) LABORATORY



19. (A)

20. (C) Here the puzzle follows the logic that Right side number = sum of the number on the left side and the previous number on the left side

$\Rightarrow 6 = 4+2 \quad \Rightarrow 10 = 6+4$

$\Rightarrow 16 = 10 + 6, \quad ? = 16+10 = 26.$

21. (B) The last digit is equal to sum of remaining digits in the number.

22. (B) 1st, 2nd, 3rd and 4th letters are decreased by 1,2,3 and 4 respectively.

23. (D)

24. (B) The difference of multiplying numbers should be 4.

25. (D) Corresponding place values in alphabet series.

26. (B) There are 12 triangle.

27. (C) Transfer, Transform, Transplant, Transport

28. (C) "A" is not in the given word.



29. (B)

30. (C) First letter is increasing by 2. while second letter is decreasing by one.

COMPUTERS

31. (B) 32. (D) 33. (A)

34. (A) 35. (A) 36. (C)

37. (B) 38. (C) 39. (A)

40. (C) 41. (B) 42. (B)

43. (D) 44. (A) 45. (A)

ENGLISH

46. (D) 47. (B) 48. (A)

49. (C) 50. (D)

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The End
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