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




UNIFIED CYBER OLYMPIAD - UC 326

Solutions for class : 2



Mental Ability

- (C) Given, each  = 2
 $\Rightarrow 5 \times 2 = 10$
 \therefore The required digit in once place is 0.
- (D) Total number of soldiers = 1530
 Number of soldiers in each row = 6
 Number of rows = $1530 \div 6 = 255$
- (B) (i) $3 + 3 + 3 = \textcircled{9}$ (ii) $3 \times 3 \times 3 = 27$
 (iii) $3 \times 3 = \textcircled{9}$ (iv) 33
 \therefore (i) and (iii) have same answer
- (C) The string in option (C) is the second shortest.
- (C) Time required to go to library = 1 hour
 Time spent at the library = 1 hour
 Starting time = 5 o' clock
 Time she left library = 5 o'clock + 2 hours
 $= 7$ o'clock
- (B) $67 < 76, 79 < 87, 29 < 31$ and $49 > 25$
- (B)
$$\begin{array}{r} 7 \quad 11 \\ \cancel{8} \quad \boxed{1} \\ - 4 \quad 4 \\ \hline 3 \quad 7 \end{array}$$

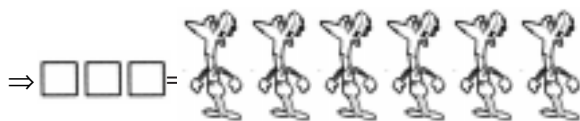
 \therefore The missing number is 1.
- (A) Figure in option (A) has both semicircle and rectangle.
- (B) The trees A and C have 200 apples altogether.
 $122 + 78 = 200$
- (D) $40 - \boxed{5} = 35$
 $30 + \boxed{5} = 35$
 \therefore The required number is 5.

- (B) One of four equal parts = 5 candies
 Four equal parts = 4×5 candies
 $= 20$ candies
 There are 20 candies altogether
- (A) Sixty two ₹ 2 coins = $62 \times ₹ 2 = ₹ 124$
 $₹ 124 =$ One hundred twenty four ₹ 1 coins
- (C) Tarun > Leena and Juhi > Tarun
 Given that Tarun is not the tallest
 \Rightarrow Juhi > Tarun > Leena
 \therefore It is clear that Leena is shorter than Juhi
- (A)   = 
     = 5×2 
 \Rightarrow  = 10 
 \therefore One  is equal to 10 spoons
- (B) Money spent by Sunil = $4 \times ₹ 25 + 3 \times ₹ 30$
 $= ₹ (100 + 90) = ₹ 190$
 Money spend by Mayur = $2 \times ₹ 100 + ₹ 60$
 $= ₹ (200 + 60) = ₹ 260$
 \therefore Total amount spent = $₹ (190 + 260) = ₹ 450$

Reasoning

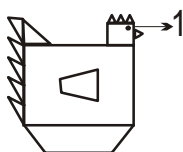
- (D) The figure which is identical to the given shape is option (D)
- (D)  : 

18. (A) In the given sequence, the mouse is preceded by the computer twice (i.e.) two times.
19. (B) In the first pair its bicycle and motor bike, two wheeler vehicles. Similarly, second pair should have three wheeler vehicles. Hence, option (B) completes the second pair in the same way as the first pair.
20. (B) Except option (B), all others are considered as tools.
21. (B) Except option (B), all other flowers belong to the terrestrial plants.
22. (C) The number of lines in the shape is increased by 1 after every successive step in the given sequence
23. (D) Except option (D), all other options have two different shapes.
24. (B) $8 + 5 + 3 + 6 = 22$
 $2 + 7 + 4 + 1 = 14$
 Similarly, $3 + 7 + 2 + 9 = 21$.
 Hence, the missing number is 21.
25. (C) Injection is related to hospital in the same way as the money is related to A.T.M.
26. (D) The given shape is hidden in the figure in option (D)
27. (C) A sequence of smileys is continuously repeating in the series.
 \therefore The missing smileys in the sequence is '☹️☹️☹️☹️☹️'.
28. (B) Given,



\therefore 5 more people are needed to balance the see-saw.

29. (D) Number each square in the given figure.



So, there is only one square in the given figure.

30. (D) The shape is hidden in option (D).

Computers

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

English

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