UNIFIED COUNCIL
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UCO
Unified
Cyber
Olympiad

UNIFIED CYBER OLYMPIAD - UC 315 (LEVEL - 1)

Solutions for class : 3

Mental Ability

1. **(C)** Total number of good oranges

   = [4 + (7 − 1) + 6] × 3

   = 16 × 3 = **48**

2. **(D)** 3 + 3 + 3 + 3 + 9

   = 3 + 3 + 3 + 3 + 3 + 3 + 3

   = $\boxed{7}$ × 3

3. **(C)** **R** is the lightest one.

4. **(C)** 1200 + 110 + 200 = **1510**.

5. **(B)** The fraction between $\dfrac{1}{4}$ and $\dfrac{1}{2}$ is $\dfrac{1}{3}$.

6. **(C)**

7. **(B)** Dinesh misspelled 5 words on a quiz. He spelled 5 times as many, 25, correctly.

   Altogether there were 5 + 25 = **30 words on the quiz**.

8. **(D)** 2ZC = BZ

   2ZC + 1ZC = 3 km 12 m

   3ZC = 3 km 12 m

   ZC = 1 km 4 m

9. **(B)** 4480 = 4400 + 80

   So, **there are 44 hundreds** in 4480.

10. **(D)** ₹ 5 + ₹ 5 = ₹ 10

    Two ₹ 5 coins is same as ₹ 10.

11. **(B)** 7857 ÷ 9 = 873 ÷ 9 = **97**

12. **(B)** 28 + 15 = 43

    67 − 22 = 45

    44 is between 43 and 45

13. **(A)** The 6th week of the calander year falls in the month of February.

    Hence, Arun was born in **February**.

14. **(C)**

1	2	3	4
9872	4186	3682	1430

15. **(A)** 1 litre of water is divided into two equal measures

    1 litre = 1000 ml

    1000 ml ÷ 2 = 500 ml

    ⇒ 5 equivalent cups are filled with 500 ml and the bottle is filled with 500 ml of water.

    ∴ The capacity of the bottle is **500 ml**.

Reasoning

16. **(A,D)** H $\xrightarrow{\ I\ }$ J $\xrightarrow{\ K\ }$ L $\xrightarrow{\ M\ }$ N $\xrightarrow{\ O\ }$ P $\xrightarrow{\ Q\ }$ $\boxed{R}$

    Both the options A & D have the same letter (R).

17. **(B)** In this question, each alphabet is coded as its consecutive alphabet, So, 'CHAITALI' can be coded as below.

    ∴ Code for 'CHAITALI' is **'DIBJUBMJ'**.
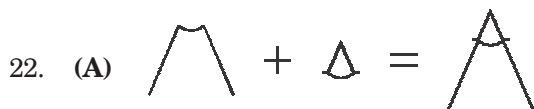
    So, answer is option (B).

18. **(C)** The letter T occurs twice as often in PO **T** A **T** OES as it does in SILEN **T**.

19. **(C)**

    Hence, the number of ovals in the given figure is 5.

20. **(C)** Except **53**, rest all are even numbers.

21. **(C)** The outer and the inner figures are different.

22. **(A)**

23. **(C)**

24. **(D)** Same figure repeats in alternate steps.

25. **(D)** Given,

+	11	?
2	?	7

$2 + 11 = \boxed{?}$

$2 + 11 = \mathbf{13}$ and

$2 + \boxed{?} = 7$

$\Rightarrow 2 + \underline{5} = 7$

$7 = 7$ (True)

The required numbers are 13 and 5.
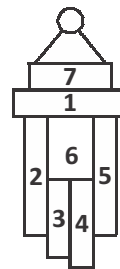
26. **(A)**

27. **(D)** The L.H.S. figure is inverted and enlarged to form the R.H.S. figure.

28. **(C)** The answer is T because it completes the first word BA $\boxed{\text{T}}$ and also begins the second word $\boxed{\text{T}}$ AB.

29. **(D)** A, E and L are 1ˢᵗ, 5ᵗʰ and 12ᵗʰ letters in the alphabetic order.

U is not the 24ᵗʰ letter.

30. **(B)**

Computers

31. **(A)** The color 1 represents **foreground colour**.

32. **(D)** **Escape** key will close a selected drop-down list, cancel a command and close a dialog box.

33. **(A)**

34. **(A)**

35. **(B)** A light pen is a **optical input device**.

36. **(C)**

37. **(A)**

38. **(D)**

39. **(A)** A **printer** would help you to carry your on screen work on paper.

40. **(C)**

41. **(D)**

42. **(B)** Purchasing items using a computer is called **Online shopping**.

43. **(C)**

44. **(D)**

45. **(B)** Sravani can retrieve the file from **Recycle bin**.

English

46. **(C)** Opposite of quiet is **noisy**.

47. **(C)** The possible meaning of 'on time' is **punctually**.

48. **(D)** Correct spelling is **giraffe**.

49. **(A)** Synonym of path is **way**.

50. **(A)** The word that would fit in the blank is **whip**.