



UNIFIED COUNCIL

An ISO 9001:2015 Certified Organisation



UNIFIED CYBER OLYMPIAD (UPDATED)

CLASS - 3

Question Paper Code : UC351

KEY

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

SOLUTIONS

MENTAL ABILITY

- (B) Number of stickers = 60
Number of rows = 6
 \therefore Number of stickers in each row = $60 \div 6 = 10$
- (A) From the given numbers
Greatest 4-digit number = 8731
Smallest 4-digit number = 1378
 $8731 - 1378 = 7353$
- (D) A tank is $\frac{5}{8}$ full
 \therefore Part of the tank that is empty

$$= \frac{8}{8} - \frac{5}{8} = \frac{8-5}{8} = \frac{3}{8}$$

- (D) The circle in (D) is divided into 3 equal parts, one of which is shaded
- (B) Sum of two numbers = $3842 + 1947 = 5789$
Difference between a number and 2839
 $\square - 2839 = 5789$
 $\square = 5789 + 2839 = 8628$
- (A) 6, 4's makes 24
so, each $\triangle = 6$ then $\triangle \times \triangle = 6 \times 6 = 36$

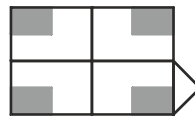
7. **(D)** Option A : $56 \times 10 = 5600$ (×) [$56 \times 10 = 560$]
 Option B : $628 \times 0 = 6280$ (×) [$628 \times 0 = 0$]
 Option C : $1000 \div 10 = 100 \times 10$ (×) [$1000 \div 10 = 100$]
 Option D : $593 \times 2 = 593 + 593$ (✓) [$1196 = 1196$]
8. **(B)** $34 \div 4$

$$\begin{array}{r} 4 \overline{) 34} \\ \underline{-32} \\ 2 \end{array}$$

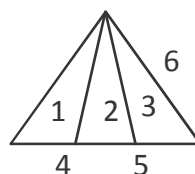
 2 → Remainder
9. **(A)** 1 Unit = 100 g
 So, the mass of the packet of sugar = 1 kg 600 g
10. **(B)** Number of girls = 8
 The number of boys is 6 times the number of girls = $6 \times 8 = 48$
 \therefore Number of boys = 48
11. **(C)** A cylinder has 3 faces, 2 flat and 1 curved
12. **(B)** $AB = CD$ (since, opposite sides in a rectangle are equal)
 $\therefore CD = 2 \text{ metres} = 2 \times 100 \text{ cm} = 200 \text{ cm}$
13. **(B)** Giri's age = 9 years 7 months
 Age of Giri's brother = 2 yrs 8 months
 \therefore Their total age = 9 years 7 months + 2 years 8 months = 12 years 3 months
14. **(A)** 1 litre = 3 glasses of water
 \therefore 8 litres = $3 \times 8 = 24$ glass of water
15. **(C)** Cost of a shirt = ₹ 150
 Amount Gopal has = ₹ 70
 \therefore Amount needed to him = ₹ 150 – ₹ 70 = ₹ 80

REASONING

16. **(B)** ABCD reverse order DCBA is the second pair.
 6789 reverse order is 9876.



17. **(D)**
18. **(A)** A, C, E are numbered 1, 3, 5 in alphabetical order.
 Here 1, 3, 5 are multiplied with '3'. So, if numbered 6 and it is multiple with 3 we get '18'.
19. **(A)** 1st and 3rd images are combined we get 2nd image.
20. **(B)** Three times rectangle followed by circle.
21. **(A)** Magnifier and microscope are used to see very small objects, whereas telescope and binoculars are used to see long distance objects.
22. **(A)** Chest is the odd one out because it is not a part of the face. Ear, lip and nose are parts of the face.
23. **(C)** $6 - 4 + 1 = 3$
 $10 - 5 + 1 = 6$
 $3 - 2 + 1 = 2$
24. **(B)** After arranging the given words in alphabetical order the sequence is
 1-camel, 2-cat, 3-celebrate, 4-child
25. **(D)** (1, 5, 3) (2, 6, 8) (4, 7, 9)



26. **(A)**

There are 6 triangles in the given figure.



27. **(A)** is different from others.
28. **(D)** SWING is a correct word.
29. **(A)** Increasing in sides.
30. **(B)** 2 lions, 2 dogs, 2 elephants, 2 lions, 2 dogs, 2 elephants ... continue the pattern.
 \therefore 21st animal is dog.

COMPUTERS

- 31. (B) Charles Babbage is the father of computer.
- 32. (C) Supercomputers are used in work that needs difficult calculations, such as weather forecasting climate research, defence and rocket launches.
- 33. (D) Personal computers
- 34. (C) The given button is start button.
- 35. (D) To delete right side part of the cursor, delete key is used.
- 36. (A) To change the direction of the picture in MS paint we choose rotate option from the image group on the home tab.
- 37. (C) Printer, mouse, keyboard are examples of hardware devices whereas MS paint is a software program.
- 38. (C) Left click for foreground (or) colour (1) and right for background or colour (2).
- 39. (C) Once the computer is booted, you will see a screen with lots of small pictures on the monitor. This screen is called the desktop.
- 40. (B) Notification area is present in "taskbar"
- 41. (A) Maximize button increases the window size. Where minimize button hide the open application.

- 42. (C) Option (C) 'computer' is a 'Times New Roman' font.
- 43. (B) Select the picture, copy it, paste it.
- 44. (D) The given device is Barcode reader.
- 45. (C) To press '=' symbol shift key is not required.

ENGLISH

- 46. (B) 'Lice' is the plural of 'Louse'.
- 47. (C) is the correct option. The correct spelling of that word is 'Homogeneous'.
- 48. (D) tiny
- 49. (B) is the correct option. An article is determined based on the vowel or consonant sound a word produces in its beginning, when pronounced. So, as 'half' produces a consonant sound it attracts 'a' as its article and as 'hour' as in 'our', 'honest' as in 'on' and 'MLA' as in 'aim', all three produce a vowel sound in the beginning when pronounced, attract 'an' as their article each.
- 50. (C) Option (C) is the correct answer. 'Duck' is the female of 'Drake'. 'Dog' is the name of a male and the name of that species like in case of 'chicken' and 'cattle'.

===== The End =====