



Unified International Cyber Olympiad

UNIFIED INTERNATIONAL CYBER OLYMPIAD

CLASS - 4

Question Paper Code : 3B117

KEY

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

SOLUTIONS

MENTAL ABILITY

01. (A) 3 fruits = $2425 - 1465 = 960$ g
1 fruit = $960 \div 3 = 320$ g
 $320 + 1465 = 1785$ g
The mass of the papaya was 1785 g
02. (B) 1 hour = 60 minutes
Monday 7:00 p.m. to 1:00 a.m. on Tuesday
= 6 hours
= 60×6 hours
= 360 minutes

03. (D) Smallest odd number which has only 3 factors = $9 = 1, 3, 9$
Smallest two digit number which has only 3 factors = $25 = 1, 5, 25$
Sum of 2 numbers = $9 + 25 = 34$
04. (B) Amount with Rishi = ₹ 25
Cost of a ball = ₹ 65
= ₹ $65 - ₹ 25 = ₹ 40$
1 day = ₹ 5
? = ₹ 40
= $40 \div 5 = 8$ days

05. (C) First two even numbers between 11 and 15
i.e., 11, 12, 13, 14, 15
 $\therefore 12 \times 14 = 168$
06. (D) Quantity of juice taken by Karan = 450 ml
Quantity of juice taken by Vineeth = 450 – 150 = 300 ml
Juice left = 245 ml
Quantity of juice at first = 450 + 300 + 245 = 995 ml
07. (D) The value of the given expressions is $12 = 72 \div 6$
08. (C) From 1 to 100, '0' will appear in 10, 20, 30, 40, 50, 60, 70, 80, 90, 100
From 10 to 90 - 9 zero's and 100 - 2 zero's.
Total 11 zero's
09. (C) No. of men in the stadium = 1050
No. of women in the stadium
= 1050 + 236 = 1286
No. of children in the stadium
= 1286 – 847
= 439
Total no. of people
= 1050 + 1286 + 439
= 2,775
10. (D) 71.26
Tens ——— Hundredths
Ones ——— Tenth
11. (D) Option (D) : 810 cm $\neq$ 8 m 10 mm
810 cm = 8 m 10 cm
12. (B) 1 is the multiple of every number.
13. (B) $10,00,000 - 30,000 = 9,70,000 = 9700 \times 100$
14. (C) $\frac{7}{7} - \frac{2}{7} - \frac{2}{7} = \frac{7-2-2}{7} = \frac{3}{7}$
15. (A) $16 \times 40 = 640$

REASONING

16. (A) Alphabets are A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

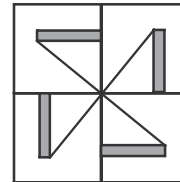
Vowels : in THOROUGHFARE are O,U,A,E

After removing vowels in alphabet the new alphabet is

B C D F G H I J K L M N P Q R S T V W X Y Z
↓
4th position

H	D	E	W
G	U	P	Y
F	R	L	T
N	A	C	O

17. (B)

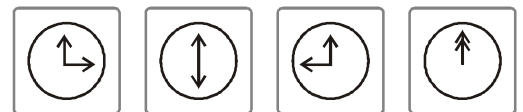


18. (C)

19. (D) First letter move to last position in second word.

GIFT : IFTG :: WATER : ATERW

20. (A) (1, 4, 7) (2, 5, 8) (3, 6, 9) is the correct option.
21. (D) Total 9 rectangles in the given figure.



22. (D)

23. (B) Option (B) is different from others.

24. (B) Apple, Cat, Egg, Goat, Ink-bottle

A, C, E, G, I, K

Starts with alternative english alphabetical letters. So, next word start with 'K' letter.

$\therefore$ Option kite is correct.

25. (B) The figure rotates 90° CW and the top shaded small circle of the two on the left is emptied.

26. (B) In the right half of the circle the number differ by 1 and in the left half of the circle by 2.

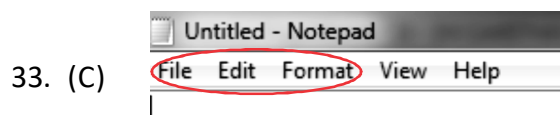


28. (C) VF. V represents the dotted square and F represents shading or circle
29. (A) Except (A), in all other options arrow heads are on opposite ends
30. (C) First day of month: Sunday
November 1st is 31st day after October 1st
Sunday repeats after every 7 days, so 28th day is Sunday.
29th day: Monday
30th day: Tuesday
31st day: Wednesday

COMPUTERS

31. (C) Aero Peek, also called Show Desktop, is a feature introduced in [Windows 7](#), and available in [Windows 8](#) and [Windows 10](#). It allows the user to view their [desktop](#) by placing (and not clicking) their [mouse](#) over Aero Peek in the far right-side of the [taskbar](#). When the desktop is shown, if you click with your left mouse button, all open windows are hidden, and you are back on the desktop. If you click Aero Peek again, you are returned to all previously opened windows.

32. (B)  tool used to separate the part in the given diagram.



34. (B) Reduces the current window to the task bar.
35. (B) Shift key is used to draw straight line in MS Paint.

36. (A) The given word is Internet Explorer.
37. (A) MS-Dos is a command line user interface. Where as MS-Windows 98, MS-Windows 2000, MS-Windows NT are graphical user interface.
38. (C) Directory.
39. (A) MS-Dos is a command line user interface.
40. (D) Pascal's calculator invented by Blaise pascal in the early 17th century.
41. (A) The LOGO programming language, known for its turtle graphics and educational use for teaching programming to children, was designed in 1967 by Seymour Papert and his team.
42. (D) FD moves the turtle forward. Calculation: $30 + 5 - 17 = 18$ units.
43. (C) In networking, each computer or device connected to a network is called a node.
44. (B) A network is a collection of two or more connected computers that can share data and resources.
45. (C) In MS Paint, the grid becomes visible when the zoom/magnifying factor reaches 300% or more.

ENGLISH

46. (A) 'Bacteria' is a plural noun, its singular is 'Bacterium'.
47. (D) 'Bench' can be a collective noun too; 'a bench of judges'.
48. (D)
49. (D)
50. (C)