



Unified International Cyber Olympiad

UNIFIED INTERNATIONAL CYBER OLYMPIAD

CLASS - 3

Question Paper Code : 3B117

KEY

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

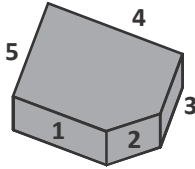
SOLUTIONS

MENTAL ABILITY

01. (A) Total number of people = 100
Number of men = 46
Number of women = 37
 $46 + 37 = 83$
Number of children = $100 - 83 = 17$
02. (D) Option (A), (B), (C) are divided into 4 parts but they are not equal.
Option (D) is divided into equal parts.
03. (D) Shorthand is the hour hand and longhand is the minute hand.
Time now $\rightarrow 10.25$ ($5 \times 5 = 25$ min)
 $10.25 \xrightarrow{+30 \text{ min}} 10.55$

- The time 30 minutes from now will be 10.55.
04. (C) Option (A) : To measure time
Option (B) : To measure length
Option (C) : To measure capacity
Option (D) : To measure weight
05. (D) Total number of eggs = 10
No. of eggs with spots = 7
Fraction of eggs with spots = $\frac{7}{10}$

06. (D) There are five faces that are rectangular

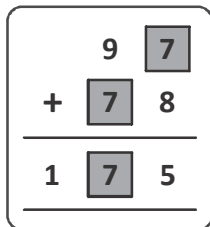


07. (D) Option A: 3rd hint does not satisfy
 Option (B): is an even number
 Option (C): it does not satisfy 2nd hint
 Option (D): it satisfies all the 3 hints

08. (B) Option (A) : 89 cm
 Option (B) : 2 m = 200 cm
 Option (C) : 1 m 90 cm = 190 cm
 Option (D) : 50 cm

09. (D) $72 \div 3 = 24$ kg

10. (B)

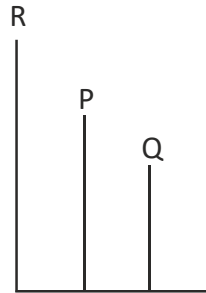


11. (C) 4 apples = ₹ 100
 16 apples = ₹ 400
 2 apples = ₹ 50
 18 apples = ₹ 450
 3 free for every 10 apples
 $\therefore 18 + 3 = 21$ apples
12. (D) $1080 \div 15 = 72$
13. (B) $15 + 10 = 25$ & $15 - 10 = 5$
14. (B) 1000 times
15. (C) Each apple cost = ₹ 9
 5 apples cost = ₹ $9 \times 5 = ₹ 45$

REASONING

16. (B) '6' triangles are there in the given shape.
 17. (C) BAALGER $\rightarrow$ ALGEBRA. So, option (C) is correct.

18. (B)



'Q' is the shortest among P, Q, R.

Option 'B' is correct.

19. (D)



is different.

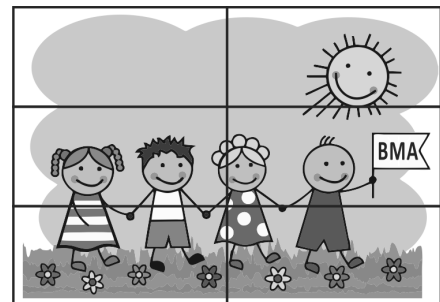
20. (C) Every time quarter part of the image is removed in anticlockwise direction.

21. (B) Count number of letters 6 as SECOND.



22. (A)

23. (C)



24. (C) Every term represents a month that is two months behind of the month represented by previous term. So, next term should be two months before August, that is June.

25. (B) Option (B) belongs to the given group.

26. (D) K K L L M M
 U $\leftarrow$ T $\leftarrow$ S $\leftarrow$ R $\leftarrow$ Q $\leftarrow$ P
 +1 +1 +1 +1 +1

27. (D) Letters in options A, B and C are increased by 2.

$P \xrightarrow{+2} R, C \xrightarrow{+2} E,$

$W \xrightarrow{+2} Y, L \xrightarrow{+1} M$

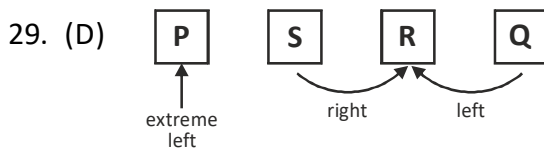
28. (A)

+	12	17	49
47	59	64	96
6	18	23	55

$17 + 6 = 23, \quad 47 + 17 = 64$

$49 + 47 = 96, \quad 47 + 12 = 59$

$49 + 6 = 55$



30. (C) The coloured portion in the first pattern became the design and the design portion turned to coloured.

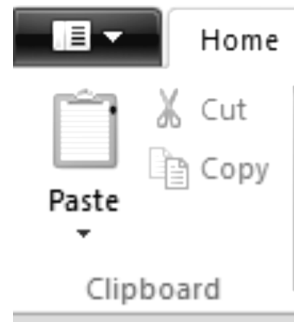
COMPUTERS

31. (B) Arrow keys are buttons on a computer keyboard that are either programmed or designed to move the cursor in a specified direction.
32. (A) The first generation computers used vacuum tubes technology. Option (A) is correct.
33. (A) VDU stands for Visual Display Unit. Option (A) is correct.
34. (B) Hard is the highest storage capacity among them.
35. (D) Mac OS X is belongs to Apple operating system.



36. (D)

37. (A)



38. (B) The given component is speakers.
39. (A) File Explorer is the file management application used by windows operating system to browse folder and files.
40. (B) u@iA
41. (C) Mouse, Monitor, and Keyboard are basic input/output devices used with any computer.
- Game mouse is a specialized type of mouse used specifically for gaming, so it is the odd one out.
42. (A) The horizontal scroll bar allows you to scroll left or right to view parts of the picture that are not currently visible.
43. (A) High high option (R)
44. (D) The Control Unit directs the operations of the ALU (Arithmetic Logic Unit) and other components by sending control signals.
45. (A) A website is a collection of related web pages accessible via the Internet.

ENGLISH

46. (C)
47. (C)
48. (A) 'Aircraft' has the same spelling for its singular and plural both.
49. (B) 'Deck' can be a collective noun.
50. (B)