UCO
Unified
Cyber
Olympiad

UNIFIED CYBER OLYMPIAD

CLASS - 2
Question Paper Code : *3O109*

KEY

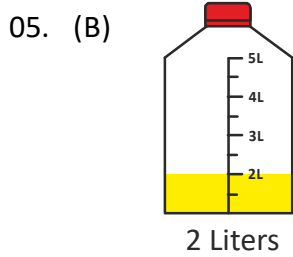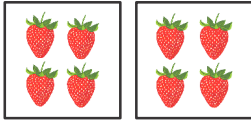|									
1. A	2. D	3. D	4. C	5. B	6. B	7. D	8. B	9. D	10. A
11. C	12. B	13. A	14. D	15. A	16. B	17. A	18. B	19. B	20. C
21. D	22. D	23. A	24. D	25. B	26. C	27. C	28. C	29. D	30. B
31. D	32. B	33. C	34. C	35. C	36. B	37. D	38. B	39. A	40. B
41. A	42. C	43. D	44. B	45. B	46. C	47. B	48. D	49. A	50. C

SOLUTIONS

MENTAL ABILITY

01. (A)   Among the options, in option (A) Ram has 4 tens i.e 42

Ravi < Ram < Suma

24 < 42 < 56

02. (D)   Let Davis bought some cherries to bake a pie is ☐ she used 20 is ☐ – 20 then 12 cherries left 4 = ☐ – 20 = 12

03. (D)

(A)   If Girls are 3 then 3 × 5 = 15

42 – 15 = 27

27 is not multiply by 4

(B)   If Girls are 4

then 4 × 5 = 20

42 – 20 = 22

22 is not multiply by 4

(C)   If Girls are 5

then 5 × 5 = 25

42 – 25 = 27

17 is not multiply by 4

(D)   If Girls are 6

then 6 × 5 = 30

42 – 30 = 12

12 is multiply by 4

4 × 3 = 12

= if Girls are 6 then boys are 3

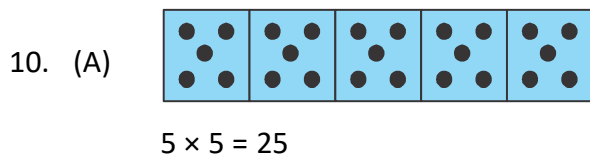|		
04.	(C)	Option C is currency in united states

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Option (A, B, C, D) is currency is Indian states

05. (B)

2 Liters

06. (B) Equal sharing of strawberries

07. (D)

08. (B) The 15, 20, 25, 30, 35, 40, 45, 50

09. (D) 50 + 42 = 92

92 < 95

10. (A)

$5 \times 5 = 25$

11. (C) Number of 🍎 in X = 7 and in Y = 5.

Total 🍎 = 7 + 5 = 12 = 4 + 4 + 4

∴ X should have 4 and Y should have 8 🍎

Hence, 3 🍎 must be moved from X to Y.

12. (B)

(A) 17 + 20 = 15 + 22 37 = 37 (True)

(B) 15 + 5 = 10 + 20 20 ≠ 30 (False)

(C) 18 ÷ 2 = 8 + 1 → 9 = 9 (True)

(D) 4 × 3 = 2 × 6 12 = 12 (True)

13. (A) 80 − 9 = 71

9 more than 72 = 81

8 tens 3 ones = 83

7 tens 10 ones = 70 + 10 = 80

Option (A) has the smallest value.

14. (D) Rs. 5 + Rs. 5 = Rs. 10
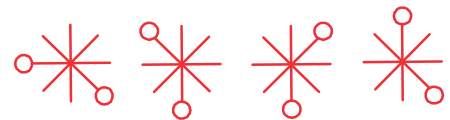
Two Rs. 5 coins is same as Rs. 10.

15. (A) 54 + 38 = 92

REASONING

16. (B) Except (B) remaining all are 5 in imges

17. (A) Pending solution

18. (B)

19. (B) Given,

A = 1, B = 2, C = 3, D = 4, E = 5

A × C = 1 × 3 = 3(C)

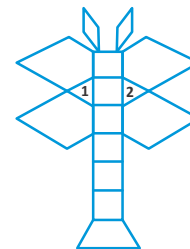20. (C) Two lines are between 2 circle headed lines.

21. (D) The figure in option (D) has the question figure hidden in it.
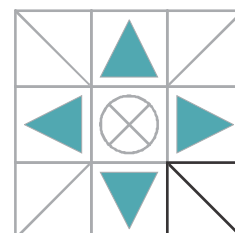

22. (D)

23. (A)

Hence, the number of triangles is 2.

24. (D) The size of moon increases in each stage of the given series. Finally, the full moon is the next figure in the series.

25. (B)

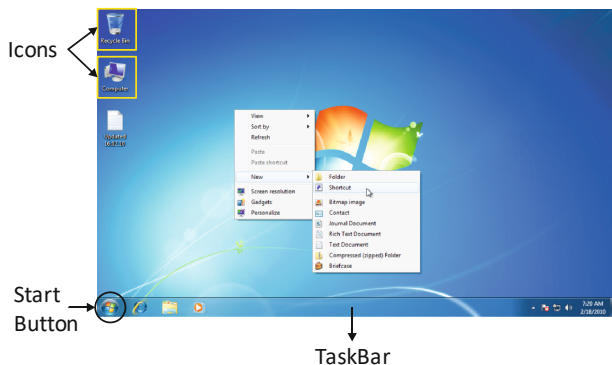| 26.	(C)	Number of triangles is 3. Number of circles is 6. Therefore there are 3 circles more than triangles.
27.	(C)	The shadow of the given fish is in option (C).

28. (C)

29. (D)

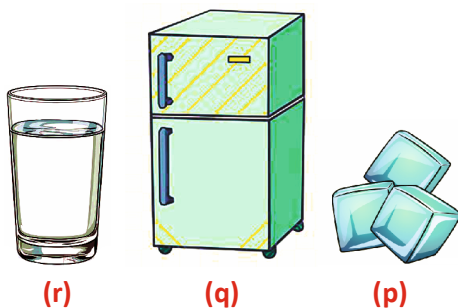| 30.	(B)	The bicycle has 2 wheels, whereas jeep has 4 wheels. So option (B) is correct.

COMPUTERS

31. (D) 1 - Icons; 2 - Start Button; 3 - Task Bar

32. (B)   can only be done be given tool

33. (C) The ALU (Arithmetic Logic Unit) is a part of the CPU (Central Processing Unit). It performs arithmetic and logic operations on the data that the CPU processes.

34. (C) r – q – p

(r)   (q)   (p)

35. (C) Scanner, joystick, and keyboard are all input devices commonly used with computers.

However, a microwave oven (microoven) is not an input device for a computer; it is a kitchen appliance used for heating or cooking food.

36. (B) A special key, in the context of computing and technology, refers to a keyboard key that performs a specific function beyond the standard alphanumeric input. Examples of these include keys like Control (Ctrl), Alt, Shift, Function (Fn), Escape (Esc), and the Windows key on a Windows-based computer.

37. (D) Facts entered into a computer is known as data.

38. (B)   is not used to draw butterfly.

39. (A) The correct answer is (A) ilrabry, which is the jumbled form of the word "library." A library is a place where books are stored, organized, and made available for borrowing or reading. In modern libraries, computers are often used to manage the cataloging and lending of books, as well as for other administrative tasks. Options (B), (C) and (D) do not represent the name of a place where computers are used for storing the details of books.

40. (B) There are 104 keys on a standard Microsoft keyboard.

41. (A) Smartphones and tablets have a touchscreen instead of a mouse. A touchscreen allows users to interact directly with the device's display by touching it with their fingers or a stylus. This enables users to navigate menus, open apps, and perform various tasks without the need for a separate pointing device like a mouse.

42. (C) 4, 1, 2, 3

43. (D) Image in option (D) shows compuer uses in hospital not for education purpose.

44. (B) Image in option (B) is not a wearable computer.

45. (B) A Robot is a machine made by Human to perform certain task

ENGLISH

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