UNIFIED COUNCIL
Foundation for Success

UNIFIED COUNCIL OLYMPIADS

UIC
Unified International Cyber Olympiad

UNIFIED INTERNATIONAL CYBER OLYMPIAD

CLASS - 3

Question Paper Code : 3B127

KEY

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

SOLUTIONS

MENTAL ABILITY

1. **(C)** The digit 5 represents 5 tens = 50.
2. **(D)** Strip C is the shortest, and strip D is the next longer strip. Hence, D is the second shortest.
3. **(A)** Total number of people = 100

   Number of men = 46

   Number of women = 37

   46 + 37 = 83

   Number of children = 100 – 83 = 17
4. **(D)** Among 6, 30, 36 and 42, the greatest value is 42.
5. **(D)** Book is in cuboid shape.
6. **(A)** Smallest 3 digit number = 100

   Largest 1 digit number = 9

   100 ÷ 9 = 11 remainder 1

   because 9 × 11 + 1 = 100

   Q = 11, R = 1

   Where Q = quotient and R = remainder
7. **(A)** Each juice box costs ₹ 8.
8. **(D)** Option (A), (B), (C) are divided into 4 parts but they are not equal.

   Option (D) is divided into equal parts.
9. **(C)** The time shown is 10 : 25. Adding 20 minutes gives 10 : 45.

10. **(C)** Each number in option (C) can be divided exactly by 8:

$8 = 8 \times 1$, $16 = 8 \times 2$, $24 = 8 \times 3$, $32 = 8 \times 4$, $40 = 8 \times 5$

So all of them can be arranged in complete rows of 8.

11. **(C)** Option (A) : To measure time

Option (B) : To measure length

Option (C) : To measure capacity

Option (D) : To measure weight

12. **(D)** Total number of eggs = 10

No. of eggs with spots = 7

Fraction of eggs with spots $= \frac{7}{10}$

13. **(C)** $36 \div 6 = 6$

So, each basket has 6 apples.

14. **(B)** 1  = 10 g

6  = 60 g

60 g – 30 g = 30 g

Mass of 3  = 3 × 10 g = 30 g

15. **(B)** For a number to remain unchanged after division, it must be divided by 1.

$936 \div 1 = 936$

REASONING

16. **(B)** Option (B) is correct.

17. **(A)** There are 5 closed rectangular shapes in the ship. The remaining shapes are triangles, trapeziums, or circles/ovals.

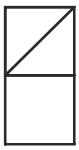
18. **(D)** Ball in circle, while remaining are cone shape.

19. **(A)** The letters in CEINCES can be rearranged to form SCIENCE. The other options contain either an extra letter or are missing a required letter.

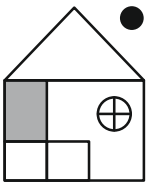
20. **(C)** Add 45 each time. Therefore, the missing number is 135.

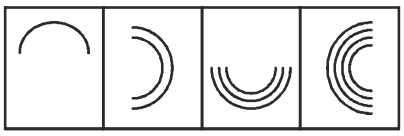
21. **(B)** 

22. **(D)** Option (D) is circular shape, where as (A), (B), (C) are joined by lines.

23. **(A)** 

24. Delete

25. **(D)** 

26. **(D)** 

27. **(C)** The shaded rectangular region covers:

5 grid squares across

2 grid squares down

So, $5 \times 2 = 10$

Therefore, the shaded area is 10 square units.

28. **(D)** 

29. **(D)** Replace each letter with its corresponding symbol: M = &, O = !, and S = #. Thus, MOSS = &!##.

30. **(C)** Neha is taller than Riya, and Riya is taller than Meera. Hence, Neha is the tallest.

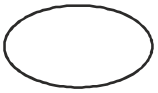
COMPUTERS

31. **(B)** A pen drive is a storage device used to save and carry files. A mouse, monitor, and speaker are not storage devices.

32. **(B)** Arrow keys are buttons on a computer keyboard that are either programmed or designed to move the cursor in a specified direction.

33. **(B)** The ALU (Arithmetic Logic Unit) performs arithmetic calculations and logical operations.

34. **(C)** Option (C) is correct.

 is used to draw an ellipse.

35. **(B)** Second-generation computers used transistors instead of vacuum tubes. LSI and VLSI were used in later generations.

36. **(D)** The key that is used for blank spaces between letters or numbers is space bar key.

37. **(B)** USB stands for Universal Serial Bus, a standard used to connect devices and transfer data and power.

38. **(A)** Small images of the files on the desktop are called icons. Option (A) is correct.

39. **(C)** A word processor is software used to create, edit, format, and save text documents. Paint is for drawing, Calculator is for calculations, and Media Player is for playing audio and video.

40. **(C)** The function keys are numbered from 1 to 12.

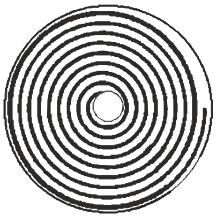
41. **(B)** Hard is the highest storage capacity among them.

42. **(C)** MS point is used for drawing purposes.

43. **(B)** CD-ROM is compact disk read only memory is used for reading purpose only. It can't be write or erase anything.

44. **(A)** The ALU (Arithmetic Logic Unit) performs arithmetic calculations such as addition and subtraction and logical operations such as comparisons.

45. **(A)** Data are stored serially in CD-ROM by using spiral tracks.



ENGLISH

46. **(C)** Ambidextrous

47. **(C)** The order forms a grammatically correct and meaningful sentence: "Children happily visited the zoo yesterday."

48. **(B)** The herd of bisons ran across the desert.

49. **(A)** One of the boys is waiting near the gate.

50. **(C)** Money

The End