



Unified International Cyber Olympiad

UNIFIED INTERNATIONAL CYBER OLYMPIAD

CLASS - 03

Question Paper Code : 3P124

KEY

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

SOLUTIONS

MENTAL ABILITY

01. (C) $11 + 4 = 15$

$15 + 4 = 19$

02. (C) $\frac{12}{16} = \frac{3}{4}$

03. (C) Original rope = $64 + 64 = 128$ cm

$128 - 18 = 110$ cm

04. (D) The greatest number is 9642. Since it ends in 2, it is even.

05. (B) $72 \div 8 = 9$

So, $Q = 9$

Then, $9 \div 3 = 3$

Therefore, $R = 3$

06. (B) The difference reduces from 88 to 52, a decrease of 36. Since each transferred balloon reduces the difference by 2, the number of balloons transferred is:

$36 \div 2 = 18$

07. (B) 2 mugs = 8 glasses

1 mug = 4 glasses

1 flask = 10 mugs

$\Rightarrow 40$ glasses

Difference:

$40 - 8 = 32$

08. (B) The star is 20 more than the triangle.

Remove the extra 20 from 160:

$$160 - 20 = 140$$

Split 140 into 2 equal parts:

$$140 \div 2 = 70$$

So, Triangle = 70 and Star = 90

09. (B) $9 \text{ intervals} \times 12 \text{ min} = 108 \text{ min}$

$$9 : 00 + 108 \text{ min} = 10 : 48$$

10. (B) Cone $\rightarrow$ 1 flat face

Cylinder $\rightarrow$ 2 flat faces

11. (B) The smallest 3-digit number that stays the same when reversed is 101.

Sum of digits:

$$1 + 0 + 1 = 2$$

12. (A) Correct change = Amount paid - Price

$$\text{For bag : } 100 - 48 = \text{Rs. } 52$$

$$\text{For ball : } 100 - 63 = \text{Rs. } 37$$

13. (B) Largest odd = 29

Smallest even = 2

$$29 \times 2 = 58$$

Smallest odd = 1

Largest even = 30

$$1 \times 30 = 30$$

$$= 58 - 30 = 28$$

14. (D) $500 \text{ ml} + 500 \text{ ml} = 1000 \text{ ml} = 1 \text{ l}$

$$1000 \text{ ml} > 750 \text{ ml}$$

15. (A) One packet = $15 \times 8 \div 3 = 40$

$$(A) 40 \div 4 = 10$$

$$(B) 40 \div 5 = 8$$

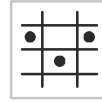
$$(C) 40 \div 8 = 5$$

$$(D) 40 \div 10 = 4$$

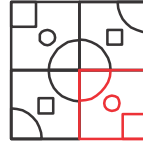
The 4 child group receives the most stickers per child.

REASONING

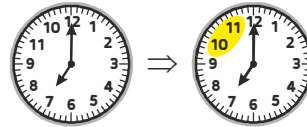
16. (C)



17. (C) 1st april : fool :: 1st may : labour



18. (B)



19. (C)

20. (D) Tiger - 2 letters Monkey - 1 letter

Zebra - 3 letters Rabbit - 4 letters

$\therefore$ Rabbit has the greatest number of letters remains

21. (B) $5 \times 2 + 8 \times 2 = 26$

$$7 \times 3 + 3 \times 4 = 33$$

$$8 \times 4 + 4 \times 9 = 60$$

22. (D) In the given group there are 5 blocks.

23. (A) Move + 1, + 2, + 3 days; Next is + 4 days $\rightarrow$ Thursday

24. (A) Virat kohli is associated with a cricket bat. According to the given code. A cricket bat is called a shuttle cock. Therefore the object is shuttle cock.

25. (A) Highest to lowest: Sonu > Monu > Tanu > Anu $\rightarrow$ Sonu scored the most.

26. (C) Each symbol moves one position clock wise in every step. Applying the same role to the second figure gives the arrangement shown in option (C)

27. (D) Clock, Calendar, Watch measure time; Compass shows direction.

28. (B) $1 + 2 + 2 = 5$

$$2 + 3 + 3 = 8$$

$$4 + 5 + 5 = 14$$

29. (C) $12 + 15 + 18 + 21 + 24 + 27 + 30 = 147$ pages

30. (C)



COMPUTERS

31. (B) A hyperlink is a clickable word, button, or picture that opens another webpage or section.
32. (A) Open Msword - clicksav → choose the folder - Type the file name "My Story".
33. (A) Scanner, webcam, and light pen all capture information using light and send it to the computer.
34. (C) Docx is a document file used for writing and saving text.
35. (B) Capture Voice → Convert to Digital Data → Process → Play through Speaker
36. (B) A microphone is an input device, similarly projector is an out put device.
37. (B) File management allows us to create, save, organize and open files.
38. (C) The Search box is a text field. The mouse changes to the I-beam (Text) pointer to allow typing.
39. (D) Ctrl + C copies, Ctrl + V pastes.
40. (D) The Tab key creates a large space (indent) at the beginning of a line. Therefore, Tia is using the Tab key.
41. (B) Software is a setof instructions thattell the computerwhat to do.
42. (C) The operating system loads first. Only after it is ready can applications such as Paint or MS Word be opened.
43. (D) A bit stores the smallest amount of digital information.
44. (B) Ctrl + W closes the current tab.
45. (C) Visiting a website requires the Internet.

ENGLISH

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

===== *The End* =====