



UNIFIED CYBER OLYMPIAD (UPDATED)

CLASS - 5
Question Paper Code : UC394

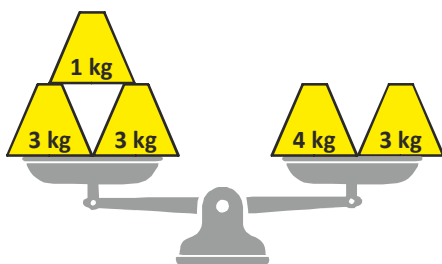
KEY

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

SOLUTIONS

MENTAL ABILITY

01. (B) $2023 \div 365 = 5.54$
5.54 is closest to 5.5
02. (A) $126 \text{ cm} - 86 \text{ cm} = 40 \text{ cm}$
03. (C) The scale is balanced by placing 7 kg on each side of the scale.



04. (A)
$$\begin{array}{r} 5 \overline{) 2025} \\ \underline{5 405} \\ 9 81 \\ \underline{9 81} \\ 0 \end{array}$$

$2025 = 5 \times 5 \times 9 \times 9$
 $= A \times A \times B \times B$

Therefore, A = 5 and B = 9

05. (C) $5:15 \text{ p.m.} \xrightarrow{+20 \text{ min}} 5:35 \text{ p.m.}$

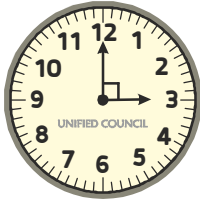
Hence, show 3 started at 20 min past 7:00 p.m. or 7:20 p.m.

$7:20 \text{ p.m.} \xrightarrow{+1 \text{ hr } 25 \text{ min}} 8:45 \text{ p.m.}$

Show 3 lasted from 7:20 p.m. to 8:45 p.m.

06. (A) $\frac{0.1}{0.01} + \frac{0.01}{0.1}$
 $= \left(\frac{1}{10} \div \frac{1}{100}\right) + \left(\frac{1}{100} \div \frac{1}{10}\right)$
 $= \left(\frac{1}{10} \times 100\right) + \left(\frac{1}{100} \times 10\right)$
 $= 10 + \frac{1}{10} = 10 + 0.1 = 10.1$

07. (B) A right angle is formed between the hands of a clock at 3 O'clock.



08. (C) As AB is a straight line $\angle p + \angle q = 180^\circ$.

09. (A) $\frac{1}{6} + \frac{1}{6} = \frac{2}{6} = \frac{1}{3}$

10. (A) Of the given statements only (i) is true

11. (D) $2024 \div 8 = 253$

12. (B) 3, 5, 8 seconds respectively

$$3 \times 5 \times 8 = 120$$

$$\therefore \frac{120}{60} = 2 \text{ min}$$

Therefore, the 3 sets of lights will flash together at 12:02 p.m

13. (B) TD, TS and CQ

14. (D) (I) 5 rupee coin
(V) A one rupee coin
(III) A child's bangle
(II) Dial of a wall clock which is round
(IV) A scooter wheel

15. (A) $3 \times ₹ 28 + 2 \times ₹ 35 + ? = ₹ 161$

$$₹ 84 + ₹ 70 + ? = ₹ 161$$

$$? = ₹ 161 - ₹ 154$$

$$\text{Orange} = ₹ 7$$

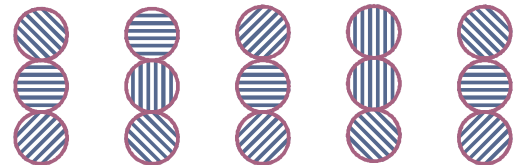
REASONING

16. (D) There are 18 boys before him + the boy himself + 18 boys after him, which equals 37 boys.

17. (B) The number is 16

$$\frac{12 \times 14}{2} = 84, \frac{9 \times 18}{2} = 81, \frac{11 \times ?}{2} = 88$$

18. (D) If the sequence D E C O R A T I N G, is arranged in alphabetical order then the sequence is A C D E G I N O R T. There are 6 letters between 'D' and 'T'.

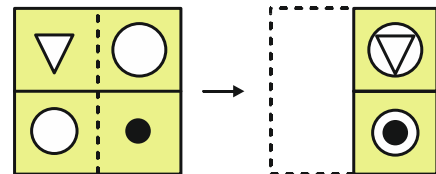


19. (C)

20. (C) The four words are :
COLD, DRAB; BIRD, DOLL

21. (D) Y3Z

AB, BC; PQ, QR; LM, MN; XY, YZ
middle number is same everytime.



22. (B)



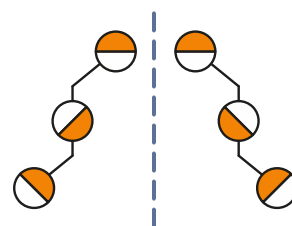
23. (A)

24. (C) COCK, EAGLE and CROW are birds, where as DONKEY is a Animal. So, DONKEY is different from others.

25. (C) There are 3 such numbers.

2 8 2 8 3 8 5 8 8 5 3 2 8 2 3 8 4 7 1 5 8 3 8 2 8 6

26. (D)



27. (C) In the given group each shape is divided into equal parts and each part is shaded differently.

28. (D) In figures (A), (B) & (C) the direction of the arrow is clock-wise, whereas in (D) the arrow is in anti-clock-wise direction. So, clearly (D) is different from the others.



30. (C) The first letter represent the size and the second letter represent type of shape.

COMPUTERS

31. (B) X^2 is used to create small letters on the text.

32. (D) Powerpoint is suitable for creating business, educational and strategic presentations.

33. (C) WordArt – Styled letters

Audio file – Insert tab

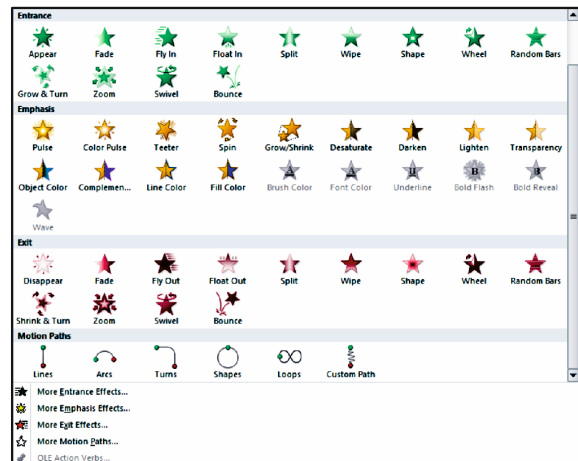
Colour – Grayscale and washout

34. (D) Windows 10 introduced the “Edge” browser as a successor to Internet Explorer.

35. (A) Cut the selected content to the Clipboard. Ctrl + X

36. (B) The FOR command in LOGO allows you to repeat a set of commands for each item in a list. For example, the command FOR [1 2 3] [FD 100 RT 90] would move the turtle forward 100 units and turn it right 90 degrees for each item in the list [1 2 3].

37. (C) Option (C) is in motion path animation type.



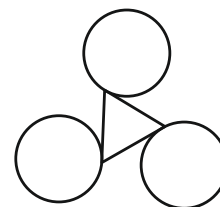
38. (B) Special purpose computers are designed to perform a specific task or function. ATMs, traffic light controllers, and digital watches are all computers built for very specific tasks. A word processor, on the other hand, is a software application used on general-purpose computers to create and edit documents, not a specific type of computer itself.

39. (D) The "Switch Windows" option in PowerPoint lets users toggle between different open presentations with ease.

40. (C) “EDALL” opens an editor where you can write new procedures or edit the existing ones. For example, you can write a simple procedure to draw a square or any shape you like.

41. (D) Multimedia typically involves a combination of text, graphics, sound, animation, and video. Gravity is a natural force and is not a component of multimedia.

42. (B)



ht repeat 25 [repeat 36[fd 10 lt 360/36] repeat 4[fd 100 rt 120]]

ENGLISH

43. (C) Foley is the reproduction of everyday sound effects that are added to films in post-production. Named after Jack Foley, these sounds (like footsteps, rustling clothes, or doors creaking) are created by Foley artists using various props and techniques in a studio to match the on-screen actions.
44. (B) Vertical lines will not be present in MS-Word.
45. (B) bk 100, this format is wrong because there is no space command ('bk') and the argument ('100')
46. (D) Correct word to fill the blank is pale, which means to lose colour or to become less intense, especially in the context of fear or shock.
47. (C) Sagar, his sister and his friends like swimming, cycling, running and kite flying.
48. (A) "Wobble is indeed a synonym for "Stagger". Both terms can be used to describe an unsteady movement or walking unevenly.
49. (B) A shell protects and a tail balances.
50. (C)
- (A) reject - This means to dismiss or refuse.
- (B) admit - This means to confess or allow entry.
- (C) tolerate - This means to allow the existence, occurrence, or practice of something without interference.
- (D) accept - This means to agree to or approve.
- The word that can replace "put up with" and keep the meaning of the sentence intact is "tolerate."

THE END
