UNIFIED CYBER OLYMPIAD *(UPDATED)*

CLASS - 2
Question Paper Code : UC351

KEY

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

SOLUTIONS

MENTAL ABILITY

1. **(C)** 1 hundred = 10 tens
   = 10 × 10 = 100
   10 tens 0 ones

2. **(A)** $\frac{15}{5}$ = 3; $\frac{12}{4}$ = 3 and $\frac{6}{2}$ = 3

   Similarly, $\frac{18}{6}$ = 3

   ∴ The missing number is 18

3. **(C)** ₹ 1 = 100 P
   ∴ ₹ 15 = 15 × 100 P = 1500 P

4. **(B)** January, March, May, July, August, October and December have 31 days

5. **(A)** Each unit = 10 g
   Then start from 200 g
   The mass of the brick is 270 g

6. **(D)** Cost of 5 T – shirts = 5 × 29 = ₹ 145

7. **(B)** The numbers that lie between 190 and 340 is 259, 292, 280, 321

8. **(D)** 1 jug → 6 l
   2 jugs → 6 + 6 = 12 l
   Volume of the tank = 20 l
   4 mugs = 20 – 12 = 8 l
   1 mug → 8 ÷ 4 = 2 l

9. **(D)**	5 hundreds + 9 tens + 3 ones = 500 + 90 + 3 = 593
10. **(C)**	7 + 7 + 7 + 7 + 7 + 7 = 42
	= 6 × 7

11. **(D)** Total boxes = 16

Each box = 1 cm

length of the eraser = ⬜⬜⬜

= 3 × 1 cm

= 3 cm

16 – 1 = 15 boxes

3 boxes make 1 eraser

length of the pencil is $\dfrac{15}{3}$ = 5 times

12. **(D)** Option A : 32 = 32 (T)

Option B : 30 = 30 (T)

Option C : 20 = 20 (T)

Option D : 40 < 40 (F)

13. **(D)** Amount shown in the box

= ₹ 10 + ₹ 5 + ₹ 2 + ₹ 1 + 50P

= ₹ 18.50

= Half of all the pocket money

Total amount with Mary

= 2 × ₹ 18.50

= ₹. 37

14. **(A)** Number of flowers on 5 plants = 40

∴ Number of flowers on each plant = 40 ÷ 5 = 8

15. **(B)** 45 ÷ 5 = 9

9 is less than 30 is 30 – 9 = 21

REASONING

16. **(C)** The given options (A), (B) and (D) can fly, option (C) snail cannot fly.

17. **(B)**

18. **(A)** 3 : 12 : : 5 : ?
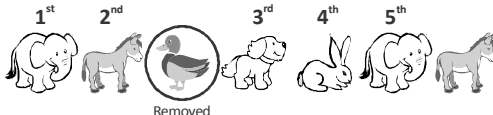
12 = 3 × 4

5 × 4 = 20

19. **(D)** is not hidden in the given picture.

20. **(B)**

21. **(A)**

22. **(D)**

23. **(A)** △ shape is more in count in the given figure.

24. **(D)**

25. **(A)** ◎ is similar to the given shape.

26. **(A)** 1 2 3 4 4 3 2 1 1 2 3 4 4 3 2 1 **1 2** 3 4 4 3 2 1

27. **(C)** is different from others.

28. **(B)**

29. **(A)**

30. **(A)** is similar to the given shapes.

COMPUTERS

31. **(B)** PC means personal computer.

32. **(D)** A supercomputer is a very big computer. so it can't be moved from one place to other easily.

33. **(C)** UPS means uninterruptible power supply.

34. **(C)** The given picture is pendrive.

35. **(B)** A printer is an electronic device connected to the computer. It gives information from the computer on paper.

36. **(C)** To maintain or keeps a record of criminals at police station we use computers.

37. **(C)** We can hear sounds from speakers. speakers are the output devices.

38. **(A)** Microphone is not an essential part in computer.

39. **(A)** Desktop computer is different from others. Because desktop computer is not portable where laptop, tablet and smartphone are portable.

40. **(C)** Turn caps lock on means with out using shift key we can type capital letters.

41. **(C)** Enter key is same as "ok" button.

42. **(A)** The given picture is satellite, it is used to build and operate space stations.

43. **(A)** A computer is used to draw pictures.

44. **(C)** The given labelled (x) is backspace key.

45. **(C)** Mouse looks like an animal.

ENGLISH

46. **(C)** The corresponding words are : P = Joystick, Q = Keyboard, R = Pendrive, S = Webcams.

47. **(B)** is the correct option. The word 'Aircraft' has the same spelling for its singular and plural.

48. **(A)** Wednesday is the correct spelling.

49. **(A)** is the correct option. 'Ostrich' among all those four birds, can't fly as all the other three can.

50. **(C)** is the correct answer. 'Burst' is the past tense of 'burst'.

══════ *The End* ══════