



UNIFIED COUNCIL

An ISO 9001:2015 Certified Organisation



UNIFIED CYBER OLYMPIAD (UPDATED)

CLASS - 4

Question Paper Code : UC359

KEY

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

SOLUTIONS

MENTAL ABILITY

- (B)** The three digits that can be formed using 3, 1 and 2
= 312, 321, 123, 132, 213, 231
Sum of all the numbers = $312 + 321 + 123 + 132 + 213 + 231$
= 1332
- (A)** Length of the ribbon = $7.6 - 1 = 6.6$ cm
The nearest answers of 6.6 cm ≈ 7 cm
- (C)** The cost of each transistor
= $1525 \div 5 = 305$

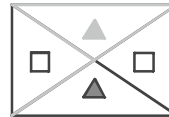
- (C)** From the given figures, Option C is shaded $\frac{3}{4}$ part
- (C)** Number of apples purchased by shopkeeper = 480
Number of apples spoiled = 13
 $480 - 13 = 467$ apples
Number of apples sold = 244
 $467 - 244 = 223$
Number of apples to be sold is 223

$$480 - 13 - 244 = 223$$

6. (B) Multiples of 6 : 6, 12, 18, 24, 30, 36, 42, 48, ...
 Multiples of 7 : 7, 14, 21, 28, 35, 42, 49, ...
 There are 42 pieces of chocolates in the box
7. (D) $\frac{11}{17} + \frac{4}{17} = \frac{15}{17}$
8. (A) Sum of $1.1 + 1.11 + 1.111 = 3.321$
9. (D) From the given figure
 Start time = 11 : 30 a.m.
 End time = 4 : 30 p.m.
 \therefore The required duration = 4 : 30 p.m – 11 : 30 a.m = 5 hours
10. (C) Amount he earned in a month = ₹7250.25
 Amount he spend in a month = ₹6088.75
 $7250.25 - 6088.75 = ₹1161.50$
11. (A) Cost of 1 pen = cost of 2 files
 cost of 2 pens = cost of 4 files
 2 pens + 5 files \rightarrow ₹ 18.90
 4 files + 5 files \rightarrow ₹ 18.90
 9 files \rightarrow ₹ 18.90
 1 file \rightarrow ₹ $18.90 \div 9$
 $= ₹ 2.10$
 1 pen $\rightarrow ₹ 2.10 \times 2$
 $= ₹ 4.20$
 Cost of 1 pen = ₹ 4.20
12. (B) 1 unit = 200 ml
 Capacity of the water filled in the container = 1l 600 ml
 $2l - 1l\ 600\ ml = 400\ ml$
13. (A) $8 \times 4 = 32$, $8 \times 7 = 56$
14. (C) The number of symbols for the amount of money spent on Wednesday and Friday are the same. So, Dinesh spent the same amount of money on Wednesday and Friday
15. (D) $1\ m\ 5\ cm + 1\ m + 20\ cm$
 $= 105\ cm + 100\ cm + 20\ cm$
 $= 225\ cm = 2m\ 25\ cm$

REASONING

16. (B)



17. (C) TSPHAELNE

18. (D)



19. (A,B) E - FGHI - J

F - GHJ - K

K is in option (A)

E = 5, J = 2 \times 5 = 10

F = 6, L = 2 \times 6 = 12

2nd letter is double the 1st letter

4th letter is double the 3rd letter

\therefore 12th letter is 'L'

20. (B)



21. (A) $15 - 2 = 13$

$13 - 9 + 1 = 4 + 1 = 5$

22. (D) Letters \rightarrow words \rightarrow phrase \rightarrow sentence
 \rightarrow paragraph

23. (D) Combination of 1st image and 2nd image is 3rd image in each row.

24. (C) P next letter is Q

I next letter is J

B next letter is C

where as in FE, 'E' is previous letter to F.

25. (A)

D	B	Q	B	D	Q	B	D	Q	D	S	D	Q
P	B	Q	D	S	S	Q	D	B	Q	B	Q	D

26. (A)

L $\xrightarrow{+2}$ N O $\xrightarrow{+1}$ P

D $\xrightarrow{+2}$ F E $\xrightarrow{+1}$ F

S $\xrightarrow{+2}$ U

where as

S $\xrightarrow{+2}$ U E $\xrightarrow{+1}$ F

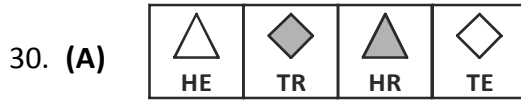
R $\xrightarrow{+2}$ T I $\xrightarrow{+1}$ J

E $\xrightarrow{+2}$ G S $\xrightarrow{+1}$ T

27. (D) (1, 6, 9) (3, 4, 7) (2, 5, 8)

28. (A) $3 + 2 + 5 = 10$
 $2 + 4 + 2 = 8$
 $5 + 4 + ? = 10$
 $10 - 9 = 1$

29. (Delete)

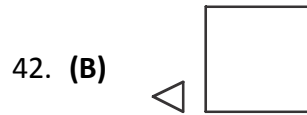


COMPUTERS

31. (C) Integrated circuits are related to Third generation of computers.
32. (B) Windows 7 is a version of MS windows.
33. (D) To get the image Q from the given image P we can flip vertical or we can rotate 180° .
34. (C) Search and replace tool is not present in MS-paint.
35. (B) Word pad is comes under Accessories
36. (B) To make our text look attractive and different, many times we try to write in different styles. The style of the text is called font.
37. (C) When we start the program in LOGO, we can see the home position of the turtle at the centre.
38. (C) Ctrl + S is used to save the file.

39. (B) Second Generation computers were developed during 1956 to 1965.
40. (D) BK and BACK are the two LOGO commands used to move the turtle backward.

41. (A) When we select open option the given window appears.



43. (A)  is the polygon tool.

44. (C) Charles Babbage developed an automatic computing machine.

45. (A) To paste many copies ctrl key is used.

ENGLISH

46. (C) The genders four in number, are :
 Masculine, Feminine, Neuter and Common.
47. (D) is the correct option. The correct spelling of the word is 'Promissory'.
48. (B) is the correct option. 'Flunk' is an infinitive, a verb in its original form.
49. (A) is the correct option. 'RTC' has in its beginning, the vowel sound as in 'are', and so it takes 'an' as its article.
50. (C) error

===== The End =====