

## PUZZLE 4

Cousin does not belong, since all the others refer to a specific sex.

## PUZZLE 5

The eight letter word is INKSTAND. In is at the beginning, kst is in the middle, and is at the end.

## PUZZLE 6

His horse was named Friday.

## PUZZLE 7

The letter e (the most common letter in our language), does not appear in the paragraph.

## PUZZLE 8

He had sweetened the original cup of coffee with sugar. He therefore knew when he tasted the coffee that it was the same cup.

## PUZZLE 9

It was day time

## PUZZLE 10

She chooses and clumsily drops the pebble. She says luckily they can just look at the one left in the sack to see which one she picked.

## SESSION - 4

### CODING & DECODING - I

1. Ans: [e]

$+1$   $+1$   
A  $\rightarrow$  B and C  $\rightarrow$  D  
P  $\rightarrow$  P E  $\rightarrow$  E  
P  $\rightarrow$  P A  $\rightarrow$  A

$-1$   
L  $\rightarrow$  L T  $\rightarrow$  S  
 $-1$

E  $\rightarrow$  D

$+1$

Similarly, H  $\rightarrow$  I

E  $\rightarrow$  E

A  $\rightarrow$  A

R  $\rightarrow$  R

$-1$

T  $\rightarrow$  S IEARS

2. Ans: [e]

CAT becomes (T  $\xrightarrow{-1}$  S) SATC and DEAR becomes R  $\xrightarrow{-1}$

QEARD Similarly, SING becomes (G  $\xrightarrow{-1}$  F) FINGS.

3. Ans: [a]

STRAIN PLACES

S  $\xrightarrow{+2}$  U P  $\xrightarrow{+2}$  R

T  $\xrightarrow{+3}$  W L  $\xrightarrow{+3}$  O

R  $\xrightarrow{+2}$  T A  $\xrightarrow{+2}$  C

A  $\xrightarrow{+3}$  D C  $\xrightarrow{+3}$  F

I  $\xrightarrow{+2}$  K E  $\xrightarrow{+2}$  G

N  $\xrightarrow{+3}$  Q S  $\xrightarrow{+3}$  V

4. Ans: [a]

A N T I C I P A T I O N

ICITNANOITAP

Similarly,

P R O D U C T I V I T Y

CUDORPYTIVIT

5. Ans: [b]

FILAMENT

Reverse order: T N E M A L I F  
 $+2 \downarrow +2 \downarrow +2 \downarrow +2 \downarrow$   
Code: V P G O H K M C

Similarly,

COINJUGAL

Reverse order: L A G U J N O C  
 $+2 \downarrow +2 \downarrow +2 \downarrow +2 \downarrow$   
Code: N C I W E Q P L

6. Ans: [e]

The first digit is even and the last digit is odd. Therefore,

2 1 5 3 4 9  
 $\downarrow \downarrow \downarrow \downarrow \downarrow \downarrow$   
@ A P K % R

7. Ans: [c]

Since the first and the last digits are even, both are to be coded as \*. Therefore,

6 7 1 2 5 4  
 $\downarrow \downarrow \downarrow \downarrow \downarrow \downarrow$   
\* M A © P \*

8. Ans: [a]

7 6 2 0 4 8 6  
 $\downarrow \downarrow \downarrow \downarrow \downarrow \downarrow \downarrow$  [According to conditions (b) and (d)]  
# R F ↓ Q P £

9. Ans: [e]

\$	Q	R	L	↑	H	@
↓	↓	↓	↓	↓	↓	↓
8	4	6	5	0	3	0

10. Ans: [e]

Q	L	P	↑	R	N	T
↓	↓	↓	↓	↓	↓	↓
4	5	8	0	6	7	0

11. Ans: [d]

Each letter of the word is three steps behind the corresponding letter of the code.

∴ Required word is PEARL.

12. Ans: [a]

Each letter of the word is one step ahead of the corresponding letter of the code.

∴ Required word is EXAMPLE.

13. Ans: [c]

In the code, the letters of the word are put in the reverse order of positions.

∴ Required word is CAPITAL.

14. Ans: [d]

The letters in the first half and the last half of the code are separately reversed to obtain the word.

∴ Required word is INVERTIBRATE.

15. Ans: [c]

In the code, the letters of the word are put in the reverse order.

∴ Required word is SHACKLE.

16. Ans: [a]

In the code, every two letters of the word are reversed in order.

∴ Required code is FEEFTC.

17. Ans: [c]

In the code, the middle two letters are kept unchanged, while on either side the two letters are mutually reversed in order.

∴ Required word is AMNAEG.

18. Ans: [a]

In the code, the first four letters are reversed in arrangement and the last four letters are reversed in arrangement.

∴ Required word is SLUTSADI.

19. Ans: [e]

In the code, the first letter is the sixth alphabet, the second letter is the fifth alphabet, the third letter is the fourth alphabet and so on after the corresponding letter in the word.

∴ Required word is SZWLE.

20. Ans: [b]

If, in the word, a letter is  $n^{\text{th}}$  alphabet from the beginning, then in the code the corresponding letter is the  $n^{\text{th}}$  alphabet from the end.

## LOGICAL REASONING

### SESSION – 5

#### ☞ CODING & DECODING – II

21. Ans: [a]

In the code given, the first letter E is one place before the first letter F of the word. The second letter Q of the code is two places ahead of the second letter O of the word. The pattern of 'before' and 'ahead' thus continues.

Word →	F	O	U	G	H	T
	↓ <sup>-1</sup>	↓ <sup>+2</sup>	↓ <sup>-3</sup>	↓ <sup>+4</sup>	↓ <sup>-5</sup>	↓ <sup>+6</sup>
Code →	E	Q	R	K	C	Z

Accordingly,

for Word →	M	A	L	E
	↓ <sup>-1</sup>	↓ <sup>+2</sup>	↓ <sup>-3</sup>	↓ <sup>+4</sup>
Code →	L	C	I	I

22. Ans: [b]

In the code, the letters at odd places are one place before and those at even place are one place after the corresponding letters in the word.

Thus,

word →	B	A	T	C	H
	↓ <sup>-1</sup>	↓ <sup>+1</sup>	↓ <sup>-1</sup>	↓ <sup>+1</sup>	↓ <sup>-1</sup>
given code →	A	B	S	D	G

Accordingly,

for Word →	F	O	R	S	A	K	E
	↓ <sup>-1</sup>	↓ <sup>+1</sup>	↓ <sup>-1</sup>	↓ <sup>+1</sup>	↓ <sup>-1</sup>	↓ <sup>+1</sup>	↓ <sup>-1</sup>
Code →	E	P	Q	T	Z	L	D

23. Ans: [b]

The first and second letters as well as the fifth and sixth letters in the word are interchanged in the code. The other letters remain in the same positions.

Thus,

word →	H	U	M	I	D	I	T	Y
	↔	↓	↓	↔	↓	↓	↓	↓
given code →	U	H	M	I	I	D	T	Y

Accordingly,

for word →	P	O	L	I	T	I	C	S
	↔	↓	↓	↔	↓	↓	↓	↓
code →	O	P	L	I	I	T	C	S

## LOGICAL REASONING

### SESSION – 6

#### NUMBER SERIES

24. Ans: [c]

In the first and second statements, the common code is rps and the common word is morning. So, rps means morning. In the first and the third statements, the common code is ski and the common word is nice. So, ski means nice. Therefore, in the first statement, tri means Sunday.

25. Ans: [d]

Tractor is used for ploughing. It is called car and hence (d).

26. Ans: [c]

R → # and F → 5 Hence, S → 3

O → 4 I → \* T → 7

S → 3 R → #

O → 4

E → \$ S → 3 R → #

T → 7 E → \$

#### Solutions for 27 and 28

pit na sa → you are welcome

] → na → are

are very good ]]

na ho pa la → they

good

ka da la → who is

] → la → good

od ho pit la →

they welcome good people

→ pit → welcome

Also, ho → they

27. Ans: [d]

people → od

28. Ans: [c]

very → pa

29. Ans: [d]

30. Ans: [d]

31. Ans: [b]

32. Ans: [a]

33. Ans: [c]

34. Ans: [b]

35. Ans: [c]

36. Ans: [c]

37. Ans: [b]

38. Ans: [a]

39. Ans: [d]

I. ja pa na → go home now ]

II. na da ta → come back home ] → na → home Hence, ja means either go or now.

40. Ans: [e]

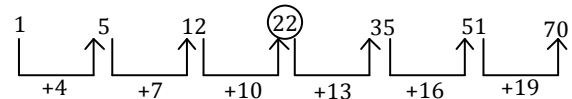
I. → 481 → sky is blue ] ]

246 → sea is deep ] → is → 4 ] → sea 6

II. → 698 → sea looks blue ]. Hence, deep → 2

1. Ans: [c]

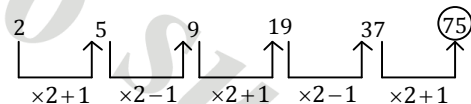
Clearly, the given series follows the following pattern.



Hence, the answer is 22 → (c).

2. Ans: [b]

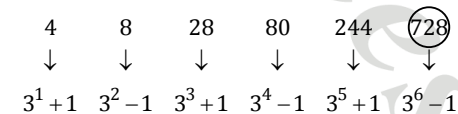
The following pattern is followed in the series.



Hence, the answer is 75 → (b).

3. Ans: [d]

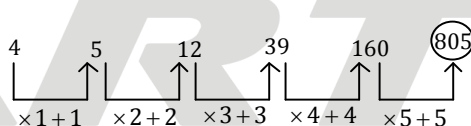
The series follows the following pattern.



Hence, the answer is 728 → (d).

4. Ans: [c]

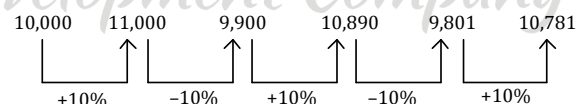
The following pattern is used in the given series.



Hence, the answer is 805 → (c).

5. Ans: [c]

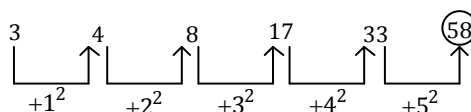
We add or subtract alternately 10% of the term to get the next term.



Hence, the answer is 10781 → (c).

6. Ans: [b]

The following pattern is used in the series.



Hence, the answer is 58 → (b).