

Question 1: In a certain code language, 'STUDENT' is written as 'GMEWUGH'. How will 'DISCOUNT' be written in that language?

- A) TMUOXHIW
- B) GMUOXHIW
- C) WIHXOUMG
- D) GMFLXHRW

Answer: B)

Solution:

The word is reversed and then all the consonants are replaced with their opposite letter as per the English alphabetical series and all the vowels remain as it is.

| | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| Z | Y | X | W | V | U | T | S | R | Q | P | O | N |
| 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 |

As 'STUDENT' is coded as 'GMEWUGH'.

| | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|
| S | T | U | D | E | N | T |
| T | N | E | D | U | T | S |
| G | M | E | W | U | G | H |

Similarly,

'DISCOUNT' will be coded as 'GMUOXHIW'.

| | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|
| D | I | S | C | O | U | N | T |
| T | N | U | O | C | S | I | D |
| G | M | U | O | X | H | I | W |

Hence, option b.

Question 2: In a certain code language, 'TON' is coded as '34' and 'TRY' is coded as '63'. How will DEN be coded as in that language?

A) 34

B) 18

C) 36

D) 54

Answer: B)

Solution:

| | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| Z | Y | X | W | V | U | T | S | R | Q | P | O | N |
| 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 |

As 'TON' is coded as '34'

| | | |
|----|---|----|
| T | O | N |
| 20 | | 14 |

Code: $(20 + 14) = 34$.

As 'TRY' is coded as '63'

| | | |
|-------------------------------|----|----|
| T | R | Y |
| 20 | 18 | 25 |
| Code: $(20 + 18 + 25) = 63$. | | |

Similarly,

| | | |
|---|---|----|
| D | E | N |
| 4 | | 14 |

Code: $(4 + 14) = 18$.

So, 'DEN' is coded as '18'.

Hence, option b.

Question 3: In a certain code language 'CARETAKER' is coded as '3 A 18 E 20 A 11 E 18' then, what is the code for 'PENULTIMATE' in the same code language?

- A) 6 E 14 U 12 20 I 13 1 20 E
- B) 16 E 14 U 12 20 I 13 A 20 E
- C) 6 E 14 U 12 20 9 13 A 20 E
- D) 12 E 14 U 12 20 I 13 A 20 5

Answer: B)

Solution:

The consonants are replaced by their positional value in the English Alphabetical series, and the vowels are written as it is.

| | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| Z | Y | X | W | V | U | T | S | R | Q | P | O | N |
| 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 |

As 'CARETAKER' is coded as '3 A 18 E 20 A 11 E 18'.

| | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| C | A | R | E | T | A | K | E | R |
| 3 | A | 18 | E | 20 | A | 11 | E | 18 |

Similarly, 'PENULTIMATE' is coded as '16 E 14 U 12 20 I 13 A 20 E'.

| | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| P | E | N | U | L | T | I | M | A | T | E |
| 16 | E | 14 | U | 12 | 20 | I | 13 | A | 20 | E |

Hence, option b.

Question 4: If 'Rain' is called as 'Umbrella', 'Umbrella' is called as 'Bike', 'Bike' is called as 'Fuel', 'Fuel' is called as 'Raincoat', then, a Car runs on _____.

- A) Raincoat
- B) Rain
- C) Umbrella
- D) Bike

Answer: A)

Solution:

As 'Fuel' is called as 'Raincoat',

And a Car runs on Fuel.

So, a Car runs on '**Raincoat**'.

Hence, option a.

Question 5: In a certain code language, 'CLINK' is written as '48931' and 'HEART' is written as '25760'. What is the code for 'CLEAT' in that language?

- A) 48937

B) 48570

C) 25764

D) 49356

Answer: B)

Solution:

The letters of the word are coded as:

For CLINK:

| | | | | |
|---|---|---|---|---|
| C | L | I | N | K |
| 4 | 8 | 9 | 3 | 1 |

For HEART:

| | | | | |
|---|---|---|---|---|
| H | E | A | R | T |
| 2 | 5 | 7 | 6 | 0 |

So, for CLEAT:

| | | | | |
|---|---|---|---|---|
| C | L | E | A | T |
| 4 | 8 | 5 | 7 | 0 |

CLEAT is coded as 48570.

Hence, option b.