

CODING–DECODING

20-Question Goldmine

20 MCQs Easy → Advanced	DETAILED SOLUTIONS Rule identification + reasoning
FOCUS Letter shifts • word codes • reverse coding • statement codes	CLAT PREP Build speed, accuracy and pattern recognition

How to use: Attempt each question first. Identify the rule, test it against all examples, and only then select an option. The final section is designed for advanced pattern inference.

Editorial note: Questions 8, 10 and 17 preserve the supplied material exactly; their solutions flag where the computed answer is absent from the supplied options.

Easy

1

In a certain code language, LAW is written as MBX. How will COURT be written in the same code?

- A. DPVSU
- B. DQVSU
- C. DPWTV
- D. BNTQS

✓ Correct Answer: A

Solution: Each letter moves one position forward: C→D, O→P, U→V, R→S, T→U. Hence **DPVSU**.

2

If JUDGE is coded as KVEHF, how will LEGAL be coded?

- A. MFHBM
- B. MFHBK
- C. MFGAL
- D. KDFZK

✓ Correct Answer: A

Solution: Shift every letter one position forward: L→M, E→F, G→H, A→B, L→M. Hence **MFHBM**.

3

In a certain code, COURT is written as TRUOC. How will JUDGE be written?

- A. EGDJU
- B. EGDUJ
- C. EGDJU
- D. JEGDU

✓ Correct Answer: B

Solution: The word is reversed. JUDGE becomes E-G-D-U-J, so the code is **EGDUJ**.

4

If BOOK is coded as 26615, using the position of each letter in the alphabet, how will LAW be coded?

- A. 12123
- B. 121123
- C. 12123
- D. 111223

✓ Correct Answer: A

Solution: L=12, A=1, W=23. Thus LAW → **12-1-23 = 12123**.

5

If CAT = 24 and DOG = 26, then what is the code for LAW, using the sum of the alphabetical positions of its letters?

- A. 36
- B. 37
- C. 38
- D. 39

✓ Correct Answer: A

Solution: L=12, A=1, W=23. Sum = 12+1+23 = **36**.

Moderate

6

COURT CASE → 17 31; LEGAL NOTICE → 25 42; COURT NOTICE → 17 42. What is the code for LEGAL CASE?

- A. 25 31
- B. 31 25
- C. 17 25
- D. 42 25

✓ Correct Answer: A

Solution: COURT=17, CASE=31, LEGAL=25 and NOTICE=42. Therefore **LEGAL CASE = 25 31**.

7

If PEN = 35, LAW = 36, and BOOK = 43, and the code represents the sum of alphabetical positions, what is the code for JUDGE?

- A. 45
- B. 46
- C. 47
- D. 48

✓ Correct Answer: C

Solution: J=10, U=21, D=4, G=7, E=5. Total = 47.

8

Each consonant is replaced by the next consonant and each vowel by the next vowel in A-E-I-O-U-A. How will LEGAL be coded?

- A. FHMEM
- B. FHHMEM
- C. FHMAM
- D. GHMEM

✓ Correct Answer: A

Solution: Applying the stated rule gives L→M, E→I, G→H, A→E, L→M, so the computed code is **MIHEM**. The supplied options do not contain MIHEM.

9

The letters of a word are first reversed and then each letter is shifted one position forward. What is the code for LAW?

A. XBM

B. XBN

C. WBM

D. YBM

✓ Correct Answer: A

Solution: LAW reversed is WAL. Shifting forward gives $W \rightarrow X$, $A \rightarrow B$, $L \rightarrow M$. Hence **XBM**.

10

If the code is obtained by adding the alphabetical positions of the first and last letters, what is the code for JUSTICE?

A. 29

B. 30

C. 31

D. 32

✓ Correct Answer: A

Solution: J=10 and E=5, so $10+5=15$. The supplied options do not contain 15.

Difficult

11

COURT IS OPEN → ka ti mo; LAW IS IMPORTANT → ra ti su; COURT LAW → ka ra. Which code represents IMPORTANT?

- A. ka
- B. ra
- C. su
- D. ti

✓ Correct Answer: C

Solution: COURT=ka and LAW=ra. In LAW IS IMPORTANT, LAW=ra and IS=ti, leaving **su** for IMPORTANT.

12

GOOD LAW → pa ni; GOOD JUDGE → pa ro; WISE JUDGE → tu ro. What is the code for WISE LAW?

- A. tu ni
- B. pa tu
- C. ro ni
- D. tu pa

✓ Correct Answer: A

Solution: GOOD=pa, LAW=ni, JUDGE=ro. WISE JUDGE gives WISE=tu. Therefore **WISE LAW = tu ni**.

13

LAW → 12-1-23. Replace each number with its complement to 27. What is the new code?

- A. 15-26-4
- B. 14-25-3
- C. 15-25-4
- D. 14-26-3

✓ Correct Answer: A

Solution: $27-12=15$, $27-1=26$, $27-23=4$. Hence **15-26-4**.

14

Code the first letter +1, second +2, third +3, fourth +4 and so on. What is the code for **LEGAL**?

- A. MGJEQ
- B. MGJEP
- C. MFJEQ
- D. KGJEQ

✓ **Correct Answer: A**

Solution: L+1=M, E+2=G, G+3=J, A+4=E, L+5=Q. Hence **MGJEQ**.

15

First reverse the word; then replace each letter with its alphabet complement ($A \leftrightarrow Z$, $B \leftrightarrow Y$, etc.). What is the code for **LAW**?

- A. DZO
- B. XZO
- C. DZA
- D. EZO

✓ **Correct Answer: A**

Solution: LAW→WAL. Complements: W→D, A→Z, L→O. Hence **DZO**.

Advanced

16

LEGAL RIGHTS ARE IMPORTANT → ka ti mo su; FUNDAMENTAL RIGHTS ARE PROTECTED → pa ti mo re; LEGAL RIGHTS ARE PROTECTED → ka ti mo re. Which could be the code for IMPORTANT?

- A. ka
- B. su
- C. re
- D. pa

✓ **Correct Answer: B**

Solution: The common words in the first and third statements are LEGAL, RIGHTS and ARE, corresponding to ka, ti and mo. The remaining code is **su**.

17

Code CONSTITUTION by adding the alphabetical positions of its vowels and subtracting the number of consonants. What is its code?

- A. 36
- B. 38
- C. 40
- D. 42

■ **Editorial Check: computed answer is absent from supplied options**

Solution: Vowels O, I, U, I, O total $15+9+21+9+15=69$. There are 7 consonants. $69-7=62$. The supplied options do not contain 62.

18

JUSTICE → KVTUJDF; LAW → MBX; COURT → DPVSU. Which rule best explains the coding?

- A. Every letter is shifted one position forward
- B. Every letter is shifted one position backward
- C. The letters are arranged alphabetically
- D. The word is reversed and then shifted forward

✓ **Correct Answer: A**

Solution: LAW→MBX and COURT→DPVSU both show every letter moving one position forward. Hence **A**.

19

HIGH COURT JUDGE → ra ti mo; SUPREME COURT JUDGE → ka ti mo; HIGH COURT LAWYER → ra ti su; SUPREME COURT LAWYER → ka ti su. Which code represents HIGH?

A. ra

B. ti

C. mo

D. su

✓ Correct Answer: A

Solution: COURT and JUDGE are common in the first two statements, so their codes are ti and mo. The remaining code, ra, represents HIGH.

20

LAW IS POWER → ka ti mo; JUSTICE IS POWER → ra ti mo; LAW AND JUSTICE → ka su ra; POWER AND RIGHTS → mo su pe. Which represents RIGHTS IS LAW?

A. pe ti ka

B. ka ti pe

C. pe mo ka

D. su ti ka

✓ Correct Answer: A

Solution: LAW=ka, IS=ti, POWER=mo, JUSTICE=ra, AND=su, RIGHTS=pe. Therefore **RIGHTS IS LAW = pe ti ka**.

Answer Key

Q	Answer
Q1	A
Q2	A
Q3	B
Q4	A
Q5	A
Q6	A
Q7	C
Q8	A
Q9	A
Q10	A
Q11	C
Q12	A
Q13	A
Q14	A
Q15	A
Q16	B
Q17	—
Q18	A
Q19	A
Q20	A

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