





SC Ban

Banking

WB Police WB Civil Services

Other Competitive Exams

Date: 5th Jan 2024

Logical Reasoning - Coding Decoding

English

Direction 1 - 5 : Study the following information carefully and answer the questions given below. In a certain code language,

'Taj is in Agra' is coded as 'Ge Si Ni Te'.

'Hotel Taj is beautiful' is coded as 'Fe Ha Si Te'.

'Agra is beautiful city' is coded as 'Fe Ca Si Ge'.

Q:1 What is the code for Agra?

1. Fe

2. Ca

3. Si

4. Ge

5. Ha

Q:2 What does 'Ca' mean in that language?

1. is

2. Hotel

3. beautiful

4. in

5. city

Q:3 What is the code for Hotel?

1. Ha

2. Si

3. Ca

4. Ni

5. Te

Q:4 How will 'Sky looks beautiful' be written in that language?

1. Ma Ke Li

2. Fe Ma Li

3. Ka Li Fe

4. Ha Me Fe

5. Either 2 or 3

Q:5 What could be the meaning of 'Ja Ki Ca Si' in that language?

1. Jaipur is pink city

2. Agra is beautiful city

3. Taj is in city

4. Hotel is in city

5. Taj Mahal is beautiful

Directions 6 - 10 : Read the given information carefully and answer the following questions.

In a certain language,

'Book and copy notes' is coded as ' B#X H@M W#Z P@Y'

'College home school' is coded as 'O@H V@S V%X'
'Mobile needs battery' is coded as' V%N H@M
R@Y'

Q:6 What is the code for 'Mobile'?

1. V@N

2. H@M

3. V%X

4. V%N

5. None of these

Q:7 What will be the code for 'Student'?

1. G\$T

2. G#T

3. G@T

4. G@H

5. None of these

Q:8 What will be the code for 'University'?

1. B%F

2. B#U

3. U#B

4. F%B

5. None of these

Q:9 What will be the code for 'laptop'?

1. K#O

2. K@O

3. O#K

4. 0@K

5. None of these

Q:10 What is the code for 'Home'?

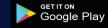
1. H@M

2. H%M

3. V@S

4. V#S

5. V%S



















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Answer Key

1 . (4)	2. (5)	3. (1)	4 . (5)	5 . (1)	
6. (4)	7. (4)	8. (1)	9 . (2)	10. (3)	

Answers and Solutions

Q:1 The correct answer is Option 4 i.e. Ge



After decoding the given statements, we get:

Ge means Agra.

Si means is.

Ni means in.

Fe means Beautiful.

Ha means Hotel.

Te means Taj.

Ca means City.

The code for Agra is Ge.

Hence, the correct answer is Ge.

Q:2 The correct answer is Option 5 i.e. City



After decoding the given statements, we get:

Ge means Agra.

Si means is.

Ni means in.

Fe means beautiful.

Ha means Hotel.

Te means Taj.

Ca means city.

Ca means city.

Hence, the correct answer is city.

Q:3 The correct answer is Option 1 i.e. Ha



After decoding the given statements, we get:

Ge means Agra.

Si means is.

Ni means in.

Fe means Beautiful.

Ha means Hotel.

Te means Taj.

Ca means City.

The code for Hotel is Ha.

Hence, the correct answer is Ha.

Q:4 The correct answer is Option 5 i.e. Either 2 or 3



After decoding the given statements, we get:

Ge means Agra.

Si means is.

Ni means in.

Fe means Beautiful.

Ha means Hotel.

Te means Taj.

Ca means City.

Since Fe means Beautiful, either ka li fe or fe ma

li can mean sky looks beautiful.

Hence, the correct answer is Either 2 or 3.

Q:5 The correct answer is Option 1 i.e. Jaipur is pink city



After decoding the given statements, we get:

Ge means Agra.

Si means is.

Ni means in.

Fe means Beautiful.

Ha means Hotel.

Te means Taj.

Ca means City.

We are certain that **Ca** means **city** and **Si** means is, hence out of all the options, the meaning of the given code must be Jaipur is pink city.

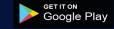








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Hence, the correct answer is Jaipur is pink city.

Q:6 The correct answer is Option 4 i.e. V%N In this coded language,

The given word is coded as opposite letter of first and last letter of the given word and a symbol is used to denote the number of vowels in the word. 'Book' is coded as 'P@Y'

- 1) P is the opposite letter of K
- 2) Y is an opposite letter of B

Α	В	С	D	Е	F	G	Н	1	J	K	L	М
1	2	3	4	5	6	7	8	9	10	11	12	13
Z	Υ	Х	W	٧	U	Т	S	R	Q	Р	0	Ν
26	25	24	23	22	21	20	19	18	17	16	15	14

3) Symbol represent the number of vowels in the word.

1 vowel = #

2 vowels = \bigcirc

3 vowels = %

Mobile is coded as:

Opposite letter of M is N.

Opposite letter of E is V.

Number of vowels in the word 'mobile' is 3

Hence, 'mobile' is coded as 'V%N'

Hence, the correct answer is V%N.

Q:7 The correct answer is Option 4 i.e. G@H In this coded language,

The given word is coded as opposite letter of first and last letter of the given word and a symbol is used to denote the number of vowels in the word. 'Book' is coded as 'P@Y'

- 1) P is the opposite letter of K
- 2) Y is an opposite letter of B

Α	В	С	D	Е	F	G	Н	1	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
Z	Υ	Х	W	٧	U	Т	S	R	Q	Р	0	N
26	25	24	23	22	21	20	19	18	17	16	15	14

3) Symbol represent the number of vowels in the word.

1 vowel = #

2 vowels = \bigcirc

3 or more than 3 vowels = %

Student is coded as:

Opposite letter of S is H.

Opposite letter of T is G.

Number of vowels in the word 'Student' is 2

Hence, 'Student' is coded as 'G@H'

Hence, the correct answer is G@H.

Q:8 The correct answer is Option 1 i.e. B%F In this coded language,

The given word is coded as opposite letter of first and last letter of the given word and a symbol is used to denote the number of vowels in the word. 'Book' is coded as 'P@Y'

- 1) P is the opposite letter of K
- 2) Y is an opposite letter of B

Α	В	С	D	Е	F	G	Н	1	J	K	L	М
1	2	3	4	5	6	7	8	9	10	11	12	13
Z	Υ	Χ	W	٧	U	Т	S	R	Q	Р	0	N
26	25	24	23	22	21	20	19	18	17	16	15	14

3) Symbol represent the number of vowels in the word.

1 vowel = #

2 vowels = @

3 or more than 3 vowels = %

University is coded as:

Opposite letter of U is F.

Opposite letter of Y is B.

Number of vowels in the word 'University' is 4 Hence, 'University' is coded as 'B%F'

Hence, the correct answer is **B%F.**

Q:9 The correct answer is Option 2 i.e. K@O In this coded language,

The given word is coded as opposite letter of first and last letter of the given word and a symbol is used to denote the number of vowels in the word. 'Book' is coded as 'P@Y'

- 1) P is the opposite letter of K
- 2) Y is an opposite letter of B

Α	В	С	D	Е	F	G	Н	1	J	K	L	М
1	2	3	4	5	6	7	8	9	10	11	12	13
Z	Υ	Х	W	٧	U	Т	S	R	Q	Р	0	N
26	25	24	23	22	21	20	19	18	17	16	15	14







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3) Symbol represent the number of vowels in the word.

1 vowel = #

2 vowels = \bigcirc

3 or more than 3 vowels = %

Laptop is coded as:

Opposite letter of L is O.

Opposite letter of P is K.

Number of vowels in the word 'Laptop' is 2

Hence, 'laptop' is coded as '**K@O**'

Hence, the correct answer is **K@O**.

Q:10 The correct answer is Option 3 i.e. V@S

The given word is coded as opposite letter of first and last letter of the given word and a symbol is used to denote the number of vowels in the word.

'Book' is coded as 'P@Y'

- 1) P is the opposite letter of K
- 2) Y is an opposite letter of B

Α	В	С	D	Е	F	G	Н	1	J	K	L	М
1	2	3	4	5	6	7	8	9	10	11	12	13
Z	Υ	Х	W	٧	U	Т	S	R	Q	Р	0	Ν
											15	

3) Symbol represent the number of vowels in the word.

1 vowel = #

2 vowels = @

3 or more than 3 vowels = %

Home is coded as:

Opposite letter of H is S.

Opposite letter of E is V.

Number of vowels in the word 'Home' is 2

Hence, 'Home' is coded as 'V@S'

Hence, the correct answer is **V@S**.







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