CODING & DECODING BASED VERBAL REASONING PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

For All Competitive SSC, Bank, IBPS, UPSC, Railway, IT & Other Govt. Exams

Created By Careericons Team

Directions:

Read the following information carefully and answer the questions given below.

A Word is represented by only one set of numbers as given in anyone of the alternatives. The set of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9.

A letter from these matrices can be represented first by its row and next by its column. e.g., 'A' can be represented by 00, 12, 23 etc. and 'P' can be represented by 58, 69, 75 etc. Similarly, you have to identify the set for the word given in each question.

Matrix I

	0	1	2	3	4
0	A	R	S	N	C
1	N	C	A	R	S
2	S	N	C	A	R
3	R	S	N	C	A
4	C	A	R	S	N

Matrix II

	5	6	7	8	9
5	O	E	L	P	T
6	T	O	E	L	P
7	P	T	O	E	L
8	L	P	T	O	E
9	E	L	P	T	O

Q1. Identify the representation of RATE?

a) 13, 12, 98, 67

b) 42, 23, 56, 76

c) 30, 14, 95, 89

d) 24, 43,89, 95

Q2. Identify the representation of POET?

a) 69, 88, 67, 65

b) 75, 56, 65, 67

c) 77, 88, 98, 78

d) 75, 66, 76, 78

Q3. Identify the representation of PEST?

a) 97, 89, 34, 59

b) 58, 67, 43, 98

c) 57, 59, 31, 98

d) 68, 95, 31, 76

Q4. Identify the representation of PAST?

a) 75, 21, 14, 65

b) 86, 12, 31, 76

c) 58, 41, 12, 67

d) 88, 77, 41, 67

Q5. Identify the representation of NEST?

a) 32, 56, 20, 89

b) 10, 65, 41, 76

c) 32, 76, 34, 98

d) 21, 67, 14, 59

Q6.

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II is numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column. e.g., 'I' can be represented by 03, 22, etc., and 'R' can be represented by 57, 68, etc. Similarly, you have to identify the set for the word 'BALD'.

Matrix I

	0	1	2	3	4
0	B	T	D	I	F
1	I	D	B	F	T
2	F	B	I	T	D
3	T	I	F	D	B
4	D	F	T	B	I

Matrix II

	5	6	7	8	9
5	A	L	R	E	K
6	K	A	L	R	E
7	E	K	A	L	R
8	R	E	K	A	L
9	L	R	E	K	A

a) 12, 99, 65, 24

b) 21, 88, 95, 24

c) 43, 55, 67, 04

d) 34, 77, 76, 42

Q7.

A word is represented by only one set of numbers as given in any one of the alternatives. The set of numbers given in the alternatives are represented by two classes of alphabets as in two matrices, given below. The columns and rows of matrix I am numbered from 0 to 3 and that of matrix II is numbered from 4 to 7. A letter from these matrices can be represented first by its row and next by its column. e.g., 'A' can be represented by 00, 76, and 'S' can be represented by 11, 66. Identify the set for the word ' Identify the representation of PUSH?

Matrix I

	0	1	2	3
0	A	D	G	H
1	P	S	V	Z
2	C	F	I	M
3	T	L	E	Q

Matrix II

	4	5	6	7
4	R	U	B	O
5	N	W	J	X
6	T	K	S	G
7	I	H	A	F

a) 10, 66, 45, 03

b) 30, 11, 54, 10

c) 10, 45, 66, 75

d) 01, 54, 66, 57

Q8.

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of the matrix I am numbered from 0 to 4 and that of Matrix II is numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column. e.g., 'E' can be represented by 00, 13, 32, etc., and 'S' can be represented by 55, 76, 87, etc. Similarly, you have to identify the set for the word 'CART'.

Matrix I

	0	1	2	3	4
0	E	A	R	W	P
1	W	P	A	E	R
2	A	W	P	R	E
3	P	R	E	A	W
4	R	E	W	P	A

Matrix II

	5	6	7	8	9
5	S	B	K	T	C
6	B	C	T	K	S
7	T	S	C	B	K
8	K	T	S	C	B
9	C	K	B	S	T

a) 65, 33, 40, 86

b) 66, 12, 40, 58

c) 88, 44, 31, 89

d) 59, 20, 32, 89

Q9.

A word is represented by only one set of numbers given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II is numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by

its column. e.g., 'M' can be represented by 42, 31, etc. Similarly, you have to identify the set for the word 'ROST'.

Matrix I

	0	1	2	3	4
4	K	L	M	N	O
3	L	M	K	O	N
2	N	O	L	M	K
1	M	N	O	K	L
0	O	K	N	L	M

Matrix II

	5	6	7	8	9
9	P	Q	R	S	T
8	T	S	Q	P	R
7	R	T	S	Q	P
6	S	P	T	R	Q
5	Q	R	P	T	S

a) 68, 33, 65, 58

b) 56, 44, 67, 40

c) 97, 21, 66, 29

d) 75, 00, 10, 92

Q10.

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II is numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column. e.g., 'A' can be represented by 01, 13, etc., and 'E' can be represented by 56, 67. etc. Similarly, you have to identify the set for the word 'BOTH'.

Matrix I

	0	1	2	3	4
0	F	A	N	O	I
1	I	O	F	A	N
2	A	N	O	I	F
3	O	F	I	N	A
4	N	I	A	F	O

Matrix II

	5	6	7	8	9
5	S	E	H	B	T
6	H	S	E	T	B
7	B	T	S	E	H
8	E	H	T	B	S
9	T	S	E	H	B

a) 88, 30, 85, 86

b) 58, 02, 68, 65

c) 69, 67, 68, 59

d) 75, 22, 76, 79

Directions:

In each of the following questions, a word is represented by only one set of numbers as given in any one of the alternatives.

The sets of numbers given in the alternatives are represented by two classes of alphabets as in the two given matrices. The columns and rows of Matrix I are numbered from 0 to 4 and those of Matrix II from 5 to 9.

A letter from these matrices can be represented first by its row and then the column number e.g., in the Matrices I & II, 'D' can be represented by 00,14, etc.; 'M' can be represented by 58,67, etc.; Similarly you have to identify the correct set for the word given in each question.

Matrix I

	0	1	2	3	4
0	D	O	B	A	I
1	O	B	A	I	D
2	B	A	I	D	O
3	A	I	D	O	B
4	I	D	O	B	A

Matrix II

	5	6	7	8	9
5	W	N	R	M	L
6	N	R	M	L	W
7	R	M	L	W	N
8	M	L	W	N	R
9	T	S	E	H	B

[S.S.C 2002]

Q11. Find the representation of BLOW?

a) 34, 68, 10, 88

b) 34, 86, 44, 78

c) 21, 95, 33, 97

d) 11, 68, 42, 69

Q12. Find the representation of DRAW?

a) 14, 89, 12, 78

b) 23, 57, 30, 68

c) 41, 66, 23, 55

d) 32, 75, 44, 76

Q13. Find the representation of LAMB?

a) 77, 44, 76, 33

b) 95, 30, 80, 20

c) 68, 21, 58, 34

d) 86, 21, 67, 12

Q14. Find the representation of RAIN?

a) 57, 21, 23, 79

b) 75, 30, 31, 87

c) 57, 12, 31, 56

d) 66, 44, 42, 96

Q15. Find the representation of BAND?

a) 20, 30, 89, 23

b) 34, 44, 66, 14

c) 43, 21, 97, 33

d) 11, 21, 79, 41

Read More coding and decoding Question and Answes »

Answers to the above questions :

Q1. Answer: (a)

According to the matrices,

R - 01, **13**, 24, 30, 42

A - 00, **12**, 23, 34, 41

T - 59, 65, 76, 87, **98**

E - 56, **67**, 78, 89, 95

therefore, RATE ? 13, 12, 98, 67.

Q2. Answer: (a)

According to the matrices,

P - 58, **69**, 75, 86, 97

O - 55, 66, 77, **88**, 99

E - 56, **67**, 78, 89, 95

T - 59, **65**, 76, 87, 98

therefore, POET ? 69, 88, 67, 65.

Q3. Answer: (b)

According to the matrices,

P - **58**, 69, 75, 86, 97

E - 56, **67**, 78, 89, 95

S - 02, 14, 20, 31, **43**

T - 59, 65, 76, 87, **98**

therefore, PEST ? 58, 67, 43, 98.

Q4. Answer: (b)

According to the matrices,

P - 58, 69, 75, **86**, 97

A - 00, **12**, 23, 34, 41

S - 02, 14, 20, **31**, 43

T - 59, 65, **76**, 87, 98

therefore, PAST ? 86, 12, 31, 76

Q5. Answer: (d)

According to the matrices,

N - 03, 10, **21**, 32, 44

E - 56, **67**, 78, 89, 95

S - 02, **14**, 20, 31, 43

T - 59, **65**, 76, 87, 98

therefore, NEST ? 21, 67, 14, 59.

Q6. Answer: (b)

According to the matrices,

B - 00, 12, **21**, 34, 43

A - 55, 66, 77, **88**, 99

L- 56, 67, 78, 89, **95**

D- 02, 11, **24**, 33, 40

Therefore, BALD ? 21, 88, 65, 24.

Q7. Answer: (c)

According to the matrices,

P - **10**

U - **45**

S - 11, **66**

H - 03, **75**

therefore, PUSH ? 10, 45, 66, 75.

Q8. Answer: (b)

According to the matrices,

C - 59, **66**, 77, 88, 95

A - 01, **12**, 20, 33, 44

R - 02, 14, 23, 31, **40**

T - **58**, 67, 75, 86, 89

therefore, CART ? 66, 12, 40, 58

Q9. Answer: (a)

According to the matrices,

R - 97, 89, 75, **68**, 56

O - 44, **33**, 21, 12, 00

S - 98, 86, 77, **65**, 59

T - 99, 85, 76, 67, **58**

therefore, ROST ? 68, 33, 65, 58

Q10. Answer: (d)

According to the matrices,

B- 58, 69, **75**, 88, 99

O- 03, 11, **22**, 30, 44

T - 59, 68, **76**, 87, 95

H - 57, 65, **79**, 86, 98

therefore, BOTH ? 75, 22, 76, 79.

Q11. Answer: (d)

From matrix I,

B can be coded as 02, 11, 20, 34, or 43.

From matrix II,

L can be coded as 59, 68, 77, 86, or 95.

From matrix I,

O can be coded as 01, 10, 24, 33, or 42.

From matrix II,

W can be coded as 55, 69, 78, 87, or 96.

Q12. Answer: (a)

From matrix I,

D can be coded as 00, 14, 23, 32, or 41.

From matrix II,

R can be coded as 57, 66, 75, 89, or 98.

From matrix I,

A can be coded as 03, 12, 21, 30, or 44.

From matrix II,

W can be coded as 55, 69, 78, 87, or 96.

Q13. Answer: (c)

From matrix II,

L can be coded as 59, 68, 77, 86, or 95.

From matrix I,

A can be coded as 03, 12, 21, 30, or 44.

From matrix II,

M can be coded as 58, 67, 76, 85, or 99.

From matrix I,

B can be coded as 02, 11, 20, 34, or 43.

Q14. Answer: (c)

From matrix II,

R can be coded as 57, 66, 75, 89, or 98.

From matrix I,

A can be coded as 03, 12, 21, 30, or 44.

From matrix I,

I can be coded as 04, 13, 22, 31, or 40.

From matrix II,

N can be coded as 56, 65, 79, 88, or 97.

Q15. Answer: (d)

From matrix I,

B can be coded as 02, 11, 20, 34, or 43.

From matrix I,

A can be coded as 03, 12, 21, 30, or 44.

From matrix II,

N can be coded as 56, 65, 79, 88, or 97.

From matrix I,

D can be coded as 00, 14, 23, 32, or 41.