

Coding & Decoding

Reasoning Tricks



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What is Coding Decoding?

- **There are various types of coding decoding questions which are asked. These include:**
- **Letter coding**
- **Number coding**
- **Mixed coding**
- **Mixed number coding**
- **Decoding Symbol**

ALPHABETS NUMBERING

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

Opposite
Alphabet
of
Each
Alphabet

QUESTION

Directions (Q. 1 – Q. 8): All of these have same relationship, while one is different. Identify the odd, Which is different?

Q. 1 (a) PQR (b) XYZ
(c) ABC (d) MLN

Q. 2 (a) DB (b) GC
(c) HD (d) JF

Q.3 (a) ABD (b) EFH
(c) IJK (d) PQS

Q. 4 (a) OA (b) IU
(c) EB (d) AI

QUESTION

Q.5 (a) $AB = E$

(c) $AE = Y$

(b) $CD = Y$

(d) $BC = M$

Q.6 (a) GJ

(c) KR

(b) MP

(d) CF

Q.7 (a) BE

(c) MO

(b) EG

(d) GI

Q.8 (a) $CAT = 24$

(c) $RAT = 39$

(b) $MAT = 34$

(d) $COT = 39$

QUESTION

Given the sequence of terms, AD CG FK JP the next term is

(a) OV

(b) OW

(c) PV

(d) PW

GOLDMAN SACHS - 2020

In a code language, MONDAY is coded as 1315414125, how would you code THURSDAY in the same language ?

- (a) 2082119184125**
- (b) 2082191184125**
- (c) 2028119184125**
- (d) 2082119148125**

GOLDMAN SACHS-2020

If $15+10=\text{VIII}$; $8+6 =\text{X}$, $19+12=\text{X}$ then what is the value of $9+4=?$

A. XI

B. VII

GOLDMAN SACHS-2020

Find the next term in the series

XXVII, CXXV, CCCXLIII, DCCXXIX, ??

- A. MCCCXXI
- B. MDCCXXII
- C. MCCXCII
- D. MCLXXI

QUESTION

Fill in the missing number in the series.

2 3 6 15 -?- 157.5 630

QUESTION

Find the next term in the sequence. 7G, 11K, 13M,

QUESTION

Find the next term in the sequence;

13M, 17Q, 19S, ...

(a) 21W

(b) 21V

(c) 23W

(d) 23V

QUESTION

- In a certain code "SHORE" is coded as "QFMPC", then how to code "WNKGL"?

QUESTION

- In a certain code if **BANKER** is written as **CZMLTC**, what will be written as **MARKER**?

QUESTION

- Find the Missing code -

FRIEND : FPIBNZ :: MENTOR : ?

QUESTION

- In a certain code, NEWYORK is written as 111, how is NEWJERSEY written in that code?

QUESTION

- In a certain code, HARYANA is written as 8197151, how is DELHI written in that code?

ALPHABET SERIES

❖ **WYB, XUD, YQF, ...**

1. HZM

2. HCZ

3. ZMH

4. ZCH

❖ **NOM, QRP, TUS, ?**

1. WAX

2. HUT

3. WXV

4. HTU

QUESTION

❖ Four of the following five are alike in a certain way and form a group. Which is the one that does not belong to the group?

a) FDA

c) PRO

b) LJG

d) WUR

QUESTION

❖ B, D, F, I, L, P, ?

a) R

b) S

c) T

d) U

e) P

❖ AZ, GT, MN, ?, YB

a) JH

b) SH

c) SK

d) JQ

e) SG

QUESTION

❖ **AAZ, BCT, DEN, GGH, ?**

a) **JJB**

b) **KIB**

c) **KCC**

d) **GLB**

QUESTION

❖ Which set of letters when sequentially placed at the gaps in the given letter series shall complete it?

bc_b_c_b_ccb

1. cbcb

2. bbcb

3. cbbc

4. bc bc

❖ _qr_srq_p_rs_r_p

1. pqrsss

2. qprsss

3. pspqsq

4. pspqqq

*Thank
you*

