

Maximum Marks : 5

## Chapter 9

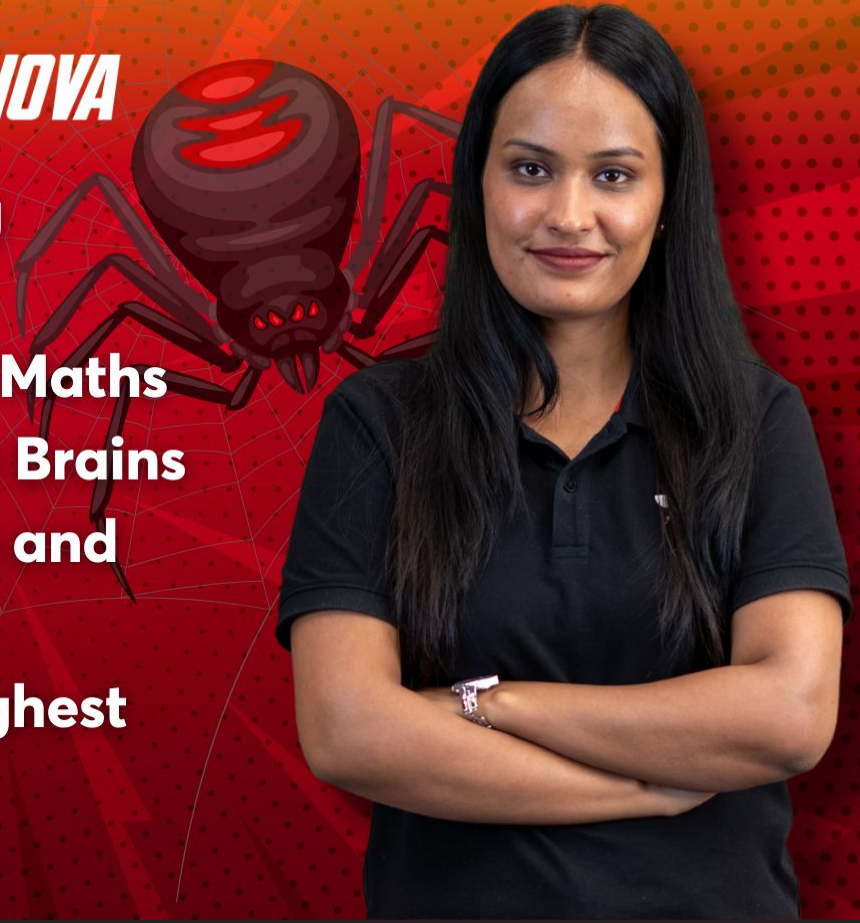
Number Series, Coding And Decoding And Odd Man Out

By : SHIVANI SHARMA

# SHIVANI SHARMA

## QUANTITATIVE APTITUDE ROMANOVA

- **7 years** of experience in teaching **Mathematics**
- **Gold Medalist** in M.Sc. and B.Sc. Maths
- Was **#1 Maths Faculty** in Magnet Brains
- Teaches Maths in **CA foundation** and **K-12**
- Taught **30000+** students with highest score as 100





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

E (5)	J (10)	O (15)	T (20)	Y (25)
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## OPPOSITE LETTERS

- A — Z (A to Z)
- B — Y (BY)
- C — X (CraX)
- D — W (DeW)
- E — V (LOVE)
- F — U (FU<sub>n</sub>)
- G — T (GT road)
- H — S (High School)
- I — R (Indian Railway)
- J — Q (Jealous Queen)
- K — P (PK)
- L — O (LOVE)
- M — N (MaN)

[2018-MAY]

**Que 1.** In a certain code, RIPPLE is written as 613382 and LIFE is written as 8192. How is PILLER written in that code?

- (a) 318826
- (b) 318286
- (c) 618826
- (d) 338816

[2018-MAY]

**Que 2.** In a certain code '256' means 'you are good', '637' means 'we are bad' and '358' means 'good and bad'. Which of the following represents 'and' in that code?

- (a) 2
- (b) 5
- (c) 8
- (d) 3



[2018-MAY]

**Que 3.** If LOSE is coded as 1357 and GAIN is coded as 2468, what do figure 82146 for?

- (a) NGLAI
- (b) NGLIA
- (c) GNLIA
- (d) GNLA

**Que 4.** If PLAY is coded as 8123 and RHYME is coded as 49367. What will be code of MALE?

**[2018- NOV]**

- (a) 6217
- (b) 6198
- (c) 6395
- (d) 6285

[2018- NOV]

**Que 5.** Find out the next number in the following series

7, 11, 13, 17, 19, 23, 25, 29?

(a) 30 '

(b) 31

(c) 32

(d) 33

[2018- NOV]

**Que 6.** If HONEY is coded as JQPGA, which word is code as VCTIGVU?

- (a) CARPETS
- (b) TRAPETS
- (c) TARGETS
- (d) UMBRELU

[2018- NOV]

**Que 7** Find odd man out of the following series 15, 21, 63, 81, 69

(a) 15

(b) 21

(c) 63

(d) 81

[2018- NOV]

**Que8.** Find odd man out of the following series 7, 9, 13, 17, 19

(a) 7

(b) 9

(c) 19

(d) 13

[2019-JUNE]

**Que 9** Find the next number in the series:

7, 23, 47, 119, 167

(a) 211

(b) 223

(c) 287

(d) 319

**Que 10** Which of the following is odd one 4, 12, 44, 176, 890

.....

(a) 4

(b) 12

(c) 44

(d) 176



[2019-JUNE]

**Quell.** If in a Certain language, MADRAS is coded as NBESBT, How DELHI is coded in that code?

- (a) EMMJI
- (b) EFMIJ
- (c) EMFIJ
- (d) JIFEM

[2019-JUNE]

**Que 12** Which of the following is odd one?

- (a) CEHL
- (b) KM PT
- (c) OQTX
- (d) NPSV

[2019-NOV]

**Que 13** Complete the series.

4, 16, 36, 64, 100 \_\_\_\_\_.

(a) 144

(b) 121

(c) 49

(d) 120

[2019-NOV]

**Que 14.** Find the odd man out 5, 10, 17, 27, 37:

(a) 5

(b) 17

(c) 27

(d) 10

**Que 15.** Complete the series

4, 16 \_ 256, 1024

(a) 32

(b) 48

(c) 64

(d) 4

[2019-NOV]

**Que 16** SYSTEM is coded as 131625 then TERMS will be coded as?

- (a) 62251
- (b) 62451
- (c) 64251
- (d) 62415

[2019-NOV]

**Que 17** Find the odd one out: 1, 5, 14, 30, 49, 55, 91

- (a) 49
- (b) 30
- (c) 55
- (d) 91

[2020-NOV]

**Que 18** Find the missing value in the series 0, 2, 3, 6, 10, 17, 28, ?, 75.

(a) 58

(b) 46

(c) 48

(d) 54



[2020-NOV]

**Que 19** Find the missing value in

$$\frac{3}{8}, \frac{8}{19}, \frac{18}{41}, ?, \frac{78}{173}$$

(a)  $\frac{37}{84}$  (b)  $\frac{40}{87}$

(c)  $\frac{39}{86}$  (d)  $\frac{38}{85}$

**Que 20** Which of the following is the odd one: 6, 9, 15, 21, 24, 26, 30.

(a) 30

(b) 24

(c) 26

(d) 9

[2020-NOV]

**Que 21** If health is written as IFBMUL, then how will NORTH be written in that code?

- (a) OPSUL
- (b) GSQNM
- (c) FRPML
- (d) IUPSO

[2020-NOV]

**Que 22** Find the next term 1, 5, 21, 57, .....:

(a) 105

(b) 138

(c) 121

(d) 101

[2021-JAN]

**Que 23** Find the next term

$$\frac{1}{2}, \frac{3}{4}, \frac{5}{8}, \frac{7}{16}, ?$$

(a)  $9/32$

(b)  $10/17$

(c)  $11/34$

(d)  $12/35$

**Que 24** Find the missing term: P 3 C, R 5 F, T 8 I, V 12 L, ?

**[2021-JAN]**

- (a) Y17O
- (b) X17M
- (c) X17O
- (d) X16O

[2021-JAN]

**Que 25** Find out the odd man out in the Sequence 8, 25, 64, 125, 216.

(a) 25

(b) 64

(c) 125

(d) 216

[2021-JAN]

**Que 26.** In a certain Code Language BEAT is written as YVZG, then what will be Code for MILD?

- (a) ONRW
- (b) NOWR
- (c) ONWR
- (d) NROW



[2021-JAN]

**Que 27.** In a certain code RIPPLE is written as 613382, and LIFE is written as 8192. How will RIFFLE be written in that code?

- (a) 618892
- (b) 689912
- (c) 619982
- (d) 629981

[2021-JULY]

**Que 28** Choose the missing term in the series.

1, 1, 8, 4, 27, \_\_\_\_\_, 64, 16

(a) 27

(b) 11

(c) 9

(d) 125

[2021-JULY]

**Que 29.** If DELHI is coded as EFMIJ then JAIPUR is coded as \_\_\_\_\_

(a) JQVSBK

(b) QVSKBJ

(c) BJQVSK

(d) KBJQVS

[2021-JULY]

**Que 30.** If FRAME is coded as 0618011305 then ARISE is coded as \_\_\_\_\_.

(a) 0118091905

(b) 0119091805

(c) 0118190905

(d) 0118091805

[2021-JULY]

**Que 31.** The wrong term in the series 225, 196, 169, 144, 121, 100, 77, 64, is:

(a) 121

(b) 77

(c) 100

(d) 169

[2021-JULY]

**Que 32.** If CLOCK is coded as 34235 and TIME as 8679, then  
MOTEL is coded as:

- (a) 27894
- (b) 72964
- (c) 72894
- (d) 77684

[2021-DEC]

**Que 33** If MOUSE, is coded as 34651 and KEY is coded as 217, then how will YES be coded?

- (a) 715
- (b) 517
- (c) 175
- (d) 571

[2021-DEC]

**Que 34.** What comes at the last place in R, U, X, A, D..... ?

(a) E

(b) F

(c) G

(d) H



[2021-DEC]

**Que 35.** The missing term of the series 4, 13, ....., 49, 76  
is

(a) 26

(b) 28

(c) 30

(d) 32

[2021-DEC]

**Que 36.** Find the odd one from the following:

- (a) Zebra
- (b) Giraffe
- (c) Horse
- (d) Tiger

[2021-DEC]

**Que 37.** In a certain code, MENTION is written as LNEITNO.  
How is PRESENT written in that code?

- (a) NTSEREO
- (b) OERESTN
- (c) ERESTNO
- (d) ROESTNE

[2021-DEC]

**Que 38.** If in a certain code "THANKS" is written as "SKNTHA" then how is "STUPID" written?

(a) DIPUTS

(b) DISPUT

(c) DIPUST

(d) DIPSTU

[2022-JUNE]

**Que 39.** 7, 26, 63, 124, 215, 342 \_\_\_\_\_ ?

- (a) 511
- (b) 672
- (c) 508
- (d) 556

**[2022-JUNE]**

**Que 40.** LOTUS is coded as 14682 and STRANGE is coded as 2690753. How will you code GESTURE

**(a) 5236893**

**(b) 5326793**

**(c) 5346893**

**(d) 5326893**

**Que 41.** 4, 6, 9, 13.5, \_\_\_\_\_, 30.375

(a) 40.50

(b) 20.25

(c) 40.75

(d) 60.25

[2022-JUNE]

[2022-JUNE]

**Que 42.** Code for Word EARTH is 16235 and VENUS is 91784  
what is code for SATURN?

(a) 423827

(b) 463827

(c) 463877

(d) 413827



**Que 43.** Find out the next term -

7, 11, 27, 63, 127, \_\_

(a) 511

(b) 227

(c) 5100

(d) 255

[2022-JUNE]

**Que 44.** Find the next terms-

3, 7, 15, 31, ?, 127

(a) 62

(b) 63

(c) 64

(d) 65

[2022-JUNE]

**Que 45.** Find out the next term –

6, 13, 28, 59, ?

(a) 122

(b) 114

(c) 113

(d) 112

[2022-DEC]

**Que 46.** If 'FROZEN' is decoded as 'OFAPSG'. Tick the right option that depicts 'MOLTEN' written in this way?

- (a) OFPOMN
- (b) OFSMPN
- (c) OFUMPN
- (d) OFUNPN

[2022-DEC]

**Que 47.** Find the odd man out:

**34, 105, 424, 2123, 12756.**

**(a) 12756**

**(b) 2123**

**(c) 424**

**(d) 34**

[2022-DEC]

**Que 48** Find the missing number in the following series ?

3, 5, 5, 19, 7, 41, 9, ?, 11, 109

(a) 71

(b) 61

(b) 69

(d) 79

[2022-DEC]

**Que 49.** In certain code language, if TOUR, is written as 1234, CLEAR is written 5678 and SPARE is written as 90847, find the code for CARE?

(a) 1247

(b) 4847

(c) 5247

(d) 5847

[2022-DEC]

**Que 50.** Find the next number in the given sequence?

11, 17, 39, 85, ?, 281, 447

(a) 133

(b) 143

(c) 153

(d) 163



## ANSWER KEY

1(a)	11(b)	21(a)	31(b)	41(b)
2(c)	12(d)	22(c)	32(c)	42(b)
3(a)	13(a)	23(a)	33(a)	43(b)
4(a)	14(c)	24(c)	34(c)	44(b)
5(b)	15(c)	25(a)	35(b)	45(a)
6(c)	16(b)	26(d)	36(d)	46(c)
7(d)	17 (a)	27(c)	37(b)	47(b)
8(b)	18(b)	28(c)	38(d)	48(a)
9(c)	19(d)	29(d)	39(a)	49(d)
10(c)	20(c)	30 (a)	40(d)	50(d)