

# # Aptitude training ..

- \* Coding / Decoding
- \* Series (numb / Alpha)
- \* Analogy
- \* Odd man out
- \* Visual Reasoning

## # Coding - Encryption

## # word - Decryption

## Decoding - Decryption

(Reverse order)

FIVE → I Y K G

$$F + 1 = G$$

$$I + 2 = K$$

$$Y + 3 = V$$

$$E + 4 = I$$

LIFE → I I K M

$$L + 1 = M$$

$$I + 2 = K$$

$$F + 3 = I$$

$$E + 4 = I$$

## D-Word → Number

FIVE → LIGHT = LIFT  
5 1 4 3      2 1 8 7 6      5 6

$$F = 5 + (5 \times 5)$$

$$I = 2 + (5 \times 5)$$

E - KUN

Dog

Kun

Dog

To

and

GMI

Horse

# # Decoding :-

NEOMAN  
OGRQFT

1) Range  
1 2 3 4 3

Random  
1 2 3 6 7 8

MANGIO  
8 2 3 4 7

2) ORANGE  
N Q Z M P D

VIOLET  
~~THNKDS~~  
UHNKDS

3) SHIFT  
RFFBO

MMXQG

IKUMD

4) FRUIT  
GUZPC

FLOWER  
GOTDNC

5) 254, 256, 258, 260, 262

6) 342, 344, 348, 354, 362

7) 2, 7, 17, 37, 77  $\Rightarrow$   $(2 \times 2) + 3 = 7$   
 $(7 \times 2) + 3 = 17$   
 $(17 \times 2) + 3 = 37$   
 $(37 \times 2) + 3 = 77$

8) 13, 32, 24, 43, 35, ?, 46, 65



9) R, U, X, A, D, (2) → 6, 11, 11, P, 3, 5

10) H, I, K, N, (2) → R

11) 12, 14, 31, (2) → 97, 393  
 $(12 \times 1) + 2 = 14$   
 $(14 \times 2) + 3 = 31$   
 $(31 \times 3) + 4 = 97$   
 $(97 \times 4) + 5 = 393$

12) 21 : 3 :: 574 : (2) → 82 ⇒  $(7 \div 574)$

13) 3 : 243 :: 5 : (2) → 3125 ⇒  $3^5 = 243$   
 $5^5 = 3125$

14) 22 : 47 :: 56 : (2) → 115 ⇒  $(22 \times 2) + 3 = 47$   
 $(56 \times 2) + 3 = 115$

15) 42 : 56 :: 72 : (2) → 90  
 \* position \*  
 42 → 56 → 72 → 90  
 6x7, 7x8, 8x9

16) 49 : 81 :: 100 : (2) → 144  
 $7^2$      $9^2$      $10^2$      $12^2$

17) 5 : 124 :: 7 : 342 ⇒  $5^3 - 1 = 124$   
 $7^3 - 1 = 342$

18) C : F :: (2) : R  
 C → F  
 (2) → R  
 C + 3 = F  
 (2) + 3 = R

19) 0, 1, 2, 3, 4, 5, (5), 7 ⇒ ODD man out.

20) Rat, cat, elephant, Jasmine  
 0 → whole number  
 1-N → natural number  
 So there can be more than one answer, so choose the answer according to their option.

20) Rat, cat, elephant, Jasmine  
Jasmine





$$1) 70\% \cdot 70$$

$$= 49$$

$$2) 80\% \cdot 30$$

$$= 24$$

$$3) 40\% \cdot 20 = 8$$

$$4) 20\% \cdot 40$$

$$= 8$$

$$5) 30\% \cdot 40$$

$$= 12$$

$$6) 23\%$$

$$150$$

$$23\%$$

$$150 - 100\%$$

$$15 - 10\%$$

$$1.5 - 1\%$$

$$20\% + 3\%$$

$$30 + 4.5 = 34.5$$

$$7) 48\%$$

$$100 - 25$$

$$100 - 25$$

$$100 - 25$$

$$25.0 - 0.5$$

$$25.5 =$$

$$12\%$$

$$100 \leftarrow 100$$

$$100 \leftarrow 100$$

$$100 \leftarrow 100$$

$$100 =$$

$$100 - 100$$

$$100 - 100$$

$$100 - 100$$

$$100 =$$

$$100 \leftarrow 100$$

$$100 \leftarrow 100$$

$$100 \leftarrow 100$$

$$100 =$$

8) 35% of 126

$$\begin{array}{c} \wedge \\ 30 + 5 \end{array}$$

$$51.8 + 6.3$$

$$\boxed{= 43.8}$$

$$126 - 100\%$$

$$12.6 - 10\%$$

$$1.26 - 1\%$$

9) 41% of 92

$$\begin{array}{c} \wedge \\ 40 + 1 \end{array}$$

$$36.8 + 0.92$$

$$37.72$$

$$92 - 100\%$$

$$9.2 - 10\%$$

$$0.92 - 1\%$$

$$\boxed{= 37.72}$$

10) 33% of 128

$$\begin{array}{c} \wedge \\ 30 + 3 \end{array}$$

$$38.4 + 3.84$$

$$\boxed{= 42.24}$$

$$128 - 100\%$$

$$12.8 - 10\%$$

$$1.28 - 1\%$$

11) 44% of 54

$$\begin{array}{c} \wedge \\ 40 + 4 \end{array}$$

$$21.6 + 2.16$$

$$\boxed{= 23.76}$$

$$54 - 100\%$$

$$5.4 - 10\%$$

$$0.54 - 1\%$$

12) 54% of 197

$$\begin{array}{c} \wedge \\ 50 + 4 \end{array}$$

$$98.5 + 7.88$$

$$\boxed{= 106.38}$$

$$197 - 100\%$$

$$19.7 - 10\%$$

$$1.97 - 1\%$$

13) 77% of 25

$$\begin{array}{c} \wedge \\ 80\% - 3\% \end{array}$$

$$20 - 0.75$$

$$\boxed{= 19.25}$$

$$25 - 100\%$$

$$2.5 - 10\%$$

$$0.25 - 1\%$$

14)

$$\begin{array}{c} 25 \\ \wedge \\ 20 + 5 \end{array}$$

$$16 + 4.0$$

$$\boxed{= 20}$$

$$80 \times 100\%$$

$$8.0 / 10\%$$

$$0.8 - 0.1\%$$

15) 15% of 200

$$\begin{array}{c} \wedge \\ 10 + 5 \end{array}$$

$$200 + 10$$

$$\boxed{= 210}$$

$$200 \rightarrow 100\%$$

$$20 \rightarrow 10\%$$

$$2 \rightarrow 1\%$$

$$1) \frac{1}{1} \times 100 = 100\%$$

$$4 \overline{) 17^2} = \begin{array}{r} 1649 \\ 56 \\ \hline 2209 \end{array}$$

$$2) \frac{1}{2} \times 100 = 50\%$$

$$3) \frac{1}{3} \times 100 = 33.33$$

$$4) \frac{1}{4} \times 100 = 25$$

$$5) \frac{1}{5} \times 100 = 20$$

$$6) \frac{1}{6} \times 100 = 16.66$$

$$7) \frac{1}{7} \times 100 = 14.2857$$

$$8) \frac{1}{8} \times 100 = 12.5$$

$$9) \frac{1}{9} \times 100 = 12.5$$

$$10) \frac{1}{10} \times 100 = 10$$

$$11) \frac{1}{11} \times 100 = 9.09\%$$

$$12) \frac{1}{12} \times 100 = 8.33\%$$