

APTITUDE & REASONING
(MODULE -1)

Problem Solving Questions (UNIT -1)

(ANALOGY & SIMILARTITY)

1. Dog : Bark :: Horse : ?
(a) neigh (b) roar (c) meow (d) olink
2. 23 : 35 :: 47 : ?
(a) 62 (b) 65 (c) 70 (d) 59
3. What is related to "COURAGE" in the same way as "KINDNESS" is related to "CRUELTY" ?
(a) Bravery (b) Cowardice (3) Fear (4) Valour
4. CXFU : AZBY :: GYNM : ?
(a) RIIP (b) EROP (c) EAJQ (d) IRRD
5. 0.16 : 0.0016 :: 1.02 : ?
(a) 0.0102 (b) 10.02 (c) 0.012 (d) 1.0102
6. 11 : 1210 :: ____ : ____
(a) 9 : 729 (b) 8 : 448 (c) 6 : 216 (d) 7 : 1029
7. "E" IS related to "BH" in the same way as "N" is related to ?
(a) IP (b) KQ (c) KP (d) KR
8. 3 : 27 :: 5 : ?
(a) 25 (b) 125 (c) 250 (d) 625
9. 2 = 5 , 4 = 18 , 6 = 39 , 8 = 68 Then 10 = ?
(a) 45 (b) 81 (c) 100 (d) 105
10. If DUE = 6 and ANT = 7 then GYM = ?
(a) 8 (b) 9 (c) 6 (d) 5

SOLUTIONS
(ANALOGY & SIMILARTITY)

1. Neigh

2. $(4*6 -1):(4*9 -1) ::(4*12 -1):(4*15-1)$
=59 Ans.

3. Kindness is Antonym of Cruelty -Ans : option (b)

4. C-- -2,X+2,F-4,U+4(Ans. EAJQ)

5. $0.16/100$ (Ans.- 0.0102)

6. X: X^3-X^2 ANS B 8:448

7. E is the middle of BH ans KQ

8. $3^3 =27$, ans $5^3 =125$

9. 2^2+1 , 2^2+2 , ans 105

10. (sum of place value) / 5

CODING & DECODING

1. In a certain code "TABLET" is written as 21.14.25". Then how will "MOBILE" will be Written as ?

(a) 28.11.17 (b) 27.11.17 (c) 28.11.16 (d) 27.11.16

2. In a certain code language "CUBE" is written as 21 then will "CONE" be written in that code language ?

(a) -1 (b) -2 (c) -3 (d) -4

3. If FORCE is Coded as "47" then how will "GALLERY" be coded as ?

(a) 79 (b) 84 (c) 81 (d) 80

4. In a certain code language , "FUME" is written as "43" and TRAP is written as "53" how is "RIMP" written in that code language ?

(a) 49 (b) 54 (c) 58 (d) 56

5. If in a certain language , JUMPER is coded as MUJREP , how is SUNBUN coded in that code?

(a) NUSNUB (b) SUNNUB (c) NUSBUN (d) UNSBUN

6. If in a certain language , COULD is coded as BNTKC & MARGIN is coded as LZQFHM , how is MOULDING coded in that code?

(a) CHMFINTK (b) LNKTCHMF (c) LNTKCHMF (d) NITKHCMF

7. If in a certain language , ORIENT is coded as 532146 & SOUL is coded as 7598 , how is LINE coded in that code?

(a) 9241 (b) 8341 (c) 8241 (d) 6241

8. In a certain code

"for profit oder now" is written as "ho ja ye ga"

right now for him is written as "gave ja se"

place order for profit is written as "ga bi ho ye"

only in right order is written as "ve du ye zo"

(i) How is " People" written in that code language ?

(a) ra (b) tik (c) pit (d) CND (e) none of these

(ii) How is "have gone" written in that code language ?

(a) Sit ja (b) pit tik (c) ra dip (d) dip ma (e) CND

SOLUTION (CODING – DECODING)

- 1. $T+A= 20+1$, $B+L=2+12$ (Ans. Option a)**
- 2. $C-U+B-E = 3-21+2-5 = 21$ (Ans. Option c)**
- 3. $F+O+R+C+E = 47$ (Ans. Option d)**
- 4. $F+U+M+E = 43$, $T+R+A+P =53$ (Ans. Option b)**
- 5. JUMPER- MUJREP**
- 6. -1,-1,-1... (Ans Option c)**
- 7. Copy Paste**
- 8 (i). Ans. Option e**
(ii). Ans. Option e

DIRECTION

1. A man started walking towards west. He turned right, then right again and finally turned left. Toward which direction was he walking now.

(a) North (b) South (c) West (d) East

2. A man is facing South. He turns 135 degree in the anticlockwise direction and then 180 degree in the clockwise direction. Which direction he is facing now.

(a) South East (b) South West (c) North East (d) North West

3. Ravi is walking in the East direction. After covering a distance of 1Km. He turns 45 degree left and then 90 degree right. In which direction is he now?

(a) South East (b) West (c) North West (d) North

4. Ram walks 12Kms. To the North, then 10 Kms. to West, 12Kms. to South. How far is Ram from the starting point.

(a) 9kms. (b) 13kms. (c) 8kms. (d) 10kms.

5. Laxmi went 10km. to the West from my house, then turned left and walked 20 kms. She then turned East and walked 25kms. And finally turning left covered 20kms. How far was she from my house.

(a) 5 kms. (b) 10kms. (c) 15kms. (d) 40kms.

6. One morning after sunrise, Gangadhar was walking facing a pole. The shadow of the pole fell exactly to his right, which direction was he facing?

(a) South (b) West (c) North (d) East

7. At 12.30 the hour hand of a clock faces North and the minute hand faces South. At 2.45 the minute hand will be in which direction?

(a) North West (b) West (c) South East (d) East

8. A person walks towards his house at 8:00 am and observed his shadow to his right. In which direction he is walking?

(a) North (b) South (c) East (d) West

BLOOD RELATIONSHIP

1. A is the brother of B , B is the brother of C . D is the father of A . Based on these three statements , which of the following statements can not be definitely true ?

- (a) B is the brother of A
- (b) B is the son of D
- (c) A, is the brother of C
- (d) C is the brother of A
- (e) A,B

2. Pointing to a woman in a picture, a man says “She is the daughter of the only daughter of the only daughter of my brother-in-law’s father .” How is the woman related to man?

- (a) Daughter (b) Mother (c) Grand Daughter (d) Wife

3. Pankaj is the son of Rajesh and Sapna,while Deepa is the only grand daughter of Sheela who is the mother of Prakash and Sapna. If Prakash is unmarried and is the brother of the wife of Rajesh, then how is Pankaj related to Deepa?

- (a) Paternal Uncle (b) Brother (c) Grandfather (d) Maternal Uncle

4. Jay introduces Ruchi as the husband of the only grand daughter of his mother. Jay has no siblings. How is Ruchi related to Jay?

- (a) Father In Law (b) Father (c) Son In Law (d) Son

5. Pointing to a photograph, Jack said , “This man is the husband of the daughter-in-law of my great grandfather’s only grandson who has only one child”.How Jack is related to that grandson’s daughter in law?

- (a) Son (b) Father (c) Grandfather (d) None Of These

6. Saloni is the daughter of the only son of Kartik.Nirupama is the mother of Deepak.Yamini’s only son,Ankit,is married to Nirupama.Kartik is the paternal grandfather of Deepak. How is Kartik related to Ankit?

- (a) Brother (b) Son (c) Father (d) Paternal Uncle

7. M is married to S. P is the brother of H. S is a mother of L, who is a brother of H. How is H related to M?

(a) Sister (b) Brother (c) Son (d) CND

8. $A@B$ means 'A is the husband of B'.

$A\&B$ means 'A is the mother of B'.

$A\#B$ means 'A is the daughter of B'.

$A\%B$ means 'A is the sister of B'.

If $G\%V@K\&P$ and, $G\#S\%M$, then how is S related to P?

(a) Father's Mother (b) Mother In Law (c) Son's son (d) Father In Law

SOLUTIONS

2. Daughter option (a)
3. Brother option (b)
4. Son In Law option (c)
5. None Of These option (d)
6. Father option(c)
7. CND option (d)
8. Father's Mother option (a)