



Deepak Tirthyani

India's No. 1 Reasoning Teacher



Reasoning by Deepak sir

SOLUTIONS **Mock Test (31 to 35)**

- More than 7 Year Teaching Experience in SSC, Railway and Banking Exams.
- Currently Teaching in Unacademy, Wifistudy YouTube Channel.
- More than 500 Million+ Views on Youtube and Unacademy Videos
- More than 300 times in you tube Trending videos.
- Best Faculty Award in 2019-20.
- Given Highest Number of selections in SSC, Railway and Bank Exam Pan India.
- Qualified IBPS PO, SBI PO, in 2016-17.
- More than 1500+ videos on YouTube.

Reasoning in My Blood

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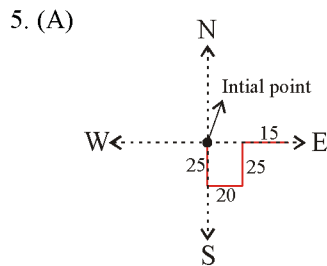
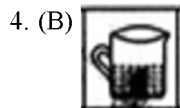
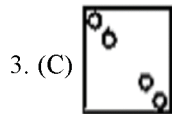
31
Mock Test

SOLUTION



1. (C) The meaningful sequence is
Key < Lock < Door < Room < Switchon

2. (D) EVITCEFFE

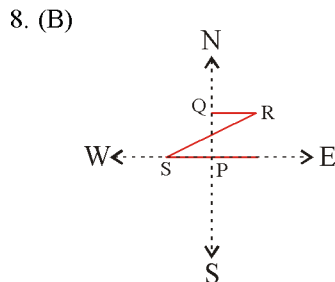


6. (A) Row I - $4 \times 2 - (5 + 3) = 0$
 $8 - 8 = 0$
 Row II - $7 \times 4 - (3 + 4) = 21$
 $28 - 7 = 21$
 Row III - $6 \times 5 - (4 + 4) = 22$
 $30 - 8 = 22$

Similarly

Row IV - $9 \times 5 - (5 + 6) = ?$
 $45 - 11 = [34 = ?]$

7. (D) Both Assumption are included in the statement.



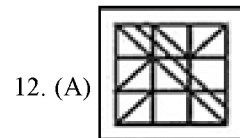
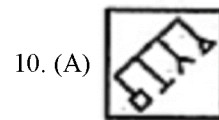
Village S is north-west direction of the village R.

9. (D) 1 Jan. 2006 is Sunday

1 Jan. 2010 = ?

Odd day = $1 + 2 + 1 = 4$

So, Thursday is the correct answer.



13. (A) $4 \times 2 + 1 = 9$

$9 \times 2 + 2 = 20$

$20 \times 2 + 3 = 43$

$43 \times 2 + 4 = 90$

$90 \times 2 + 5 = 185$

14. (B) $\times \rightarrow - \quad \div \rightarrow +$

$+ \rightarrow \div \quad - \rightarrow \times$

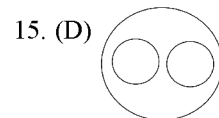
then correct option is

$8 \div 10 - 3 + 5 \times 6 = 8$

$8 + 10 \times 3 \div 5 - 6$

$8 + 6 - 6 = 8$

$8 = 8$



16. (A) $\text{Paw} : \text{Cat} :: \text{Hoof} : \text{Horse}$
 Cat's lag Horse's lag

17. (A) Only assumption I is implicit.

18. (C) Food : Stomach :: Fuel : Engine
Storage Storage

19. (D) Y A C W U E G S Q I
26 26 26 26 26

21. (A) D is the reverse of W.

G is the reverse of T.

Q is the reverse of J.

L is the reverse of O.

22. (C)

23. (B) (i) RANSON

(iii) RAONSA

(ii) RNSONA

(iv) RNSPVT

(v) RSANON

i, iii, ii, iv, v

24. (D) None follows.

25. (B)

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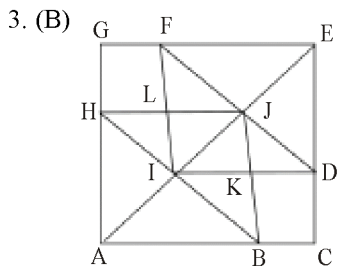
32
Mock Test

SOLUTION



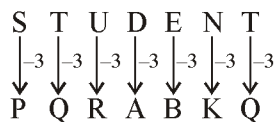
1. (A) i) Alter/बदल ii) Allen/एलन
 iii) Alien/एलियन iv) Alias/उपनाम
 v) Alibi/अलीबी
 iv, v, iii, ii, i

2. (B) $3 \times 9 - 27 + 9 \div 3 = 3$
 $27 - 27 + 3 = 3$
 $3 = 3$



4. (B)
- | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|
| T | E | A | C | H | E | R |
| ↓-3 | ↓-3 | ↓-3 | ↓-3 | ↓-3 | ↓-3 | ↓-3 |
| Q | B | X | Z | E | B | O |

Similarly



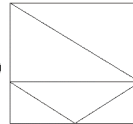
5. (A)
-

6. (C) T and Y V and W U, X, and Z
 7. (D) Whistle
 8. (C) England is related to atlantic ocean.
 Greenland is related to Arctic ocean.
 9. (A) Earthquakes

10. (B)
- | | | |
|-----|-----|-----|
| 11 | 5 | 29 |
| ↓+6 | ↓+6 | ↓+6 |
| 7 | 21 | 35 |
- Similarly

15	29	43
↓+6	↓+6	↓+6
21	35	49

11. (A)



12. (B) Total Boys
 $= 20 + 6 - 1 = 25$
 For 36 boys
 $25 + 11 = 36$
 Option B is the correct.

13. (D) 12, 35, 81, 173, 357, 725
- | | | | | | |
|----|----|----|-----|-----|-----|
| 12 | 35 | 81 | 173 | 357 | 725 |
| 23 | 46 | 92 | 184 | 368 | |

14. (D) 28 Aug. 2008 - Thursday

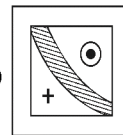
31 Aug. 2008 - Sunday

Odd = $30 + 31 + 30 + 1$

Odd = $2 + 3 + 2 + 1 = 1$ (Monday)

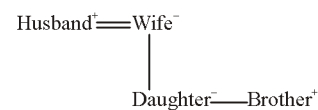
6 Aug. 2008 - Saturday

15. (C) If data in both statement I and Statement II alone are sufficient to answer the question.



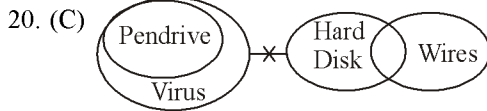
16. (B)

17. (A) That man is the son of Rashmi



18. (B) $<, <, =$

19. (A) Only argument I is strong.



All Pendrive are Virus. No Virus is a Hard Disk. Some Hard Disks are Wires.

21. (A) Yellow Blue Orange
Purple Blue Orange

Yellow is opposite to purple.

22. (C) $5 \times 4 = 20$, $5 + 4 = 9$
 $3 \times 8 = 24$, $3 + 8 = 11$
 $9 \times 4 = 36$, $9 + 4 = 13$

23. (B) Total time (5 am to 10 pm)

 $= 48 + 17 \text{ hours}$
 $= 65 \text{ hours}$
 $1 \text{ hours voses} = \frac{16}{24} \text{ minutes}$
 $\frac{16}{24} \times 65 = 43.33 \text{ minute}$

Right time

 $= 10 \text{ pm} - 43.33 \text{ min.}$
 $= 9 : 16 \text{ pm.}$

24. (A) PEW

25. (D) $F : 49 :: M : ?$
 $F : 49$
 $6 \rightarrow 6 + 1 \rightarrow 7 \rightarrow 7^2 = 49$
 $M : 196$
 $13 \rightarrow 13 + 1 \rightarrow 14 \rightarrow 14^2 = 196$

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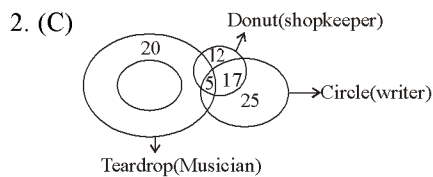
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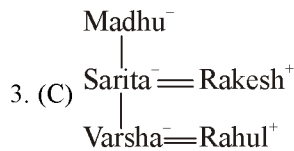
Twitter

33
Mock Test

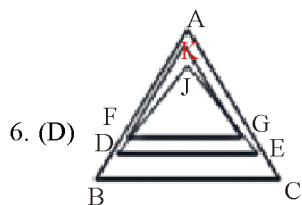
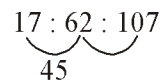
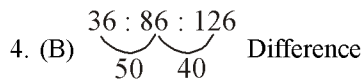
SOLUTION



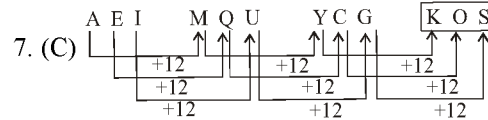
5 person, who are only shopkeeper musician.



Rahul is son-in-law of Madhu



5 Triangle are
 $\triangle ABC$, $\triangle ADE$, $\triangle AFG$, $\triangle JDE$, $\triangle KFG$



8. (D) Other three options are alphabetical series and option (D) have mathematical value.



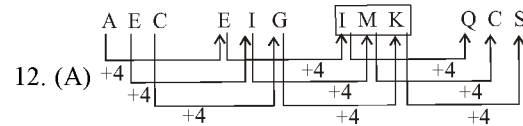
10. (D) The sparrow is to be fly while elephant is to be walking.

11. (D) $88 \div 4 - 15 + 17 = 63 \div 3 + 1$

$$22 + 15 - 17 = 21 - 1$$

$$37 - 17 = 20$$

$$20 = 20$$



13. (B) All the symbols move CW half the side of the square in each step. The symbols are replaced by new ones sequentially in an ACW direction.

14. (D) In the dictionary order

2. NKARUBME 4. NKBANRUMEB

3. NKBNRUEMB 1. NMNUREM

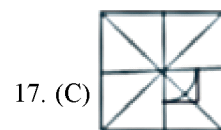
5. NSNUERMB

2, 4, 3, 1, 5

15. (C) Stone, Sand, Cement, Rock

Option (A), (B), (D) sorce are same solid form
While cement

16. (C) None follows.



18. (D) Both I and II is true.

19. (C) 12 Feb. 2021 is Friday them

6 March 2020 is.

6 march 2020 to 12 Feb. 2021 is odd days.

$$= 25 + 30 + 31 + 30 + 31 + 31 + 30 + 31 + 30 + 31 + 31 + 12$$

$$= 4 + 2 + 3 + 2 + 3 + 3 + 2 + 3 + 2 + 3 + 3 + 5 = 0$$

So, 6 March 2020 was Friday.

20. (C) We know that

$$\theta = \frac{11}{2} M - 30 M$$

$\theta = 0^\circ$ watch coincide

$$\theta = \frac{11}{2} M - 30(2)$$

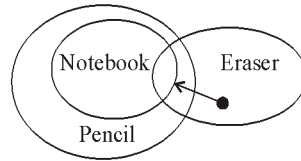
$$M = \frac{60 \times 2}{11} = \frac{120}{11} = 10 \frac{10}{11}$$

21. (B) Clock wise direction,

2 3 1

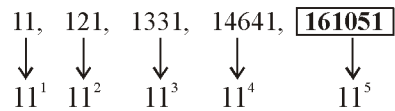
2 3 4

22. (C)



None follows.

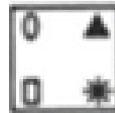
23. (B)



24. (D)



Similarly



25. (B)

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34
Mock Test

SOLUTION



1. (B) $\begin{array}{ccccccc} 1751 & 1744 & & 1730 & 1709 & & 1681 \\ | & | & & | & | & & | \\ 7 & 14 & & 21 & 28 & & \end{array}$

2. (B) $\begin{array}{ccccccc} 166 & 316 & & 566 & 916 & & 1366 \\ | & | & & | & | & & | \\ 150 & 250 & & 350 & 450 & & \end{array}$

3. (C) $\begin{array}{ccccccc} Z & A & Y & B & X & C & V \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ 25 & 1 & 24 & 2 & 23 & 3 & 22 \end{array}$

4. (D) $\begin{array}{ccccccc} B & 9 & D & & E & 16 & G & & K & 25 & W & & X & 36 & Y \\ | & | & | & & | & | & | & & | & | & | & & | & | & | \\ +3 & & +6 & & +12 & & & & & & & & & & \\ | & & | & & | & & | & & | & & | & & | & & | \\ +2 & & +2 & & & & & & & & & & & & \end{array}$

5. (C) $\begin{array}{ccccccc} A & B & B & & E & F & G & & J & K & L & M & & Q & R & S & T & U \\ | & | & | & & | & | & | & & | & | & | & | & & | & | & | & | & | \\ -2 & & -3 & & -4 & & & & & & & & & & & & & \end{array}$

6. (D) INSIPID is synonyms of TASTELESS.

While INTRICATE is synonyms of TANGLED.

7. (D) FG : 134 :: HI : ?

FG : 134

6, 7 = 13 Digital sum = 13 = 1 + 3 = 4 = 134

HI : 178

8, 9 = 17 Digital sum = 17 = 1 + 7 = 8 = 178

8. (D) $\sqrt{BBE} = \sqrt{225} = 15(0)$

$\sqrt{DHD} = \sqrt{484} = 22(V)$

$\sqrt{FBE} = \sqrt{625} = 25(Y)$

$\sqrt{BEF} = \sqrt{256} = 16(P)$

9. (D) 1. Marel 2. Mandatory
3. Manifest 5. Mania
4. Many
1, 2, 3, 5, 4

10. (D) $\div - + \times =$

$124 \div 4 - 4 + 3 \times 2 = 33$

$31 - 4 + 6 = 33$

$33 = 33$

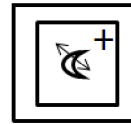
11. (B) (A) $\begin{array}{ccc} 13 & - & 18 & - & 25 \\ | & & | & & | \\ 5 & & 7 & & \end{array}$ (B) $\begin{array}{ccc} 27 & - & 32 & - & 39 \\ | & & | & & | \\ 5 & & 7 & & \end{array}$

(C) $\begin{array}{ccc} 33 & - & 38 & - & 44 \\ | & & | & & | \\ 5 & & 6 & & \end{array}$ (D) $\begin{array}{ccc} 16 & - & 21 & - & 28 \\ | & & | & & | \\ 5 & & 7 & & \end{array}$

12. (C) (A) $\begin{array}{cccc} C & E & G & I \\ | & | & | & | \\ 2 & 2 & 2 & 2 \end{array}$ (B) $\begin{array}{cccc} M & O & Q & S \\ | & | & | & | \\ 2 & 2 & 2 & 2 \end{array}$

(C) $\begin{array}{cccc} D & F & H & J \\ | & | & | & | \\ 2 & 2 & 2 & 2 \end{array}$ (D) $\begin{array}{ccc} Q & O & M & K \\ | & | & | & | \\ 2 & & 2 & \end{array}$

13. (D) Option A, B, C synonyms with each other while D is antonyms.



14. (B)

15. (A) Column I - $22 - 7 = 15$

$67 - 22 = 45$

Column III - $18 - 5 = 13$

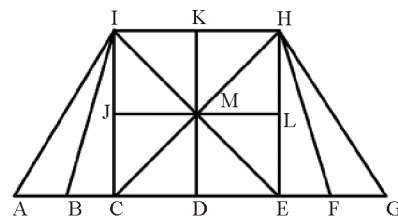
$57 - 18 = 39$

Similarly

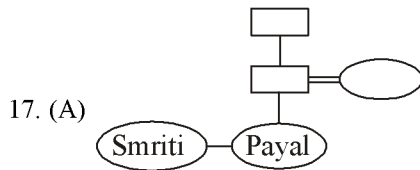
Column II - $29 - 9 = 20$

$89 - 29 = 60$

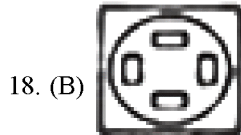
16. (C)



Hence, 26 are triangle.



Smriti is sister of Payal.



19. (B) $13 - 3 = 13$

$$13 - 3 = 10, 10 + 3 = 13$$

$$17 - 7 = 13$$

$$17 - 7 = 10, 10 + 3 = 13$$

$$21 - 8 = 16$$

$$21 - 8 = 13, 13 + 3 = 16$$

$$11 - 4 = 7, 7 + 3 = 10$$

20. (A) Shilpi's mother birthday, According to shilpi is 24 - 26 September.

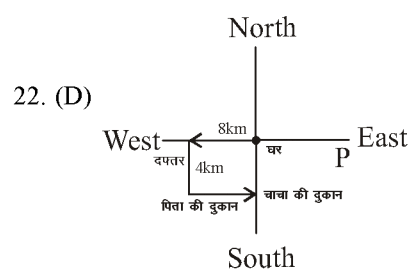
Shilpi's mother birthday, According to her brother is 24-27 September.

Hence the common date is 25 September.

Her mother birthday date = 25 September.

21. (A) We can make Raze, Maize, Mora word using word demoralize but can't be make LIFE word.

So, D is the correct Answer.



23. (A) $12 : 144 : 1728$

$$\downarrow \quad \downarrow \quad \downarrow$$

$$12^1 \quad 12^2 \quad 12^3$$

Similarly

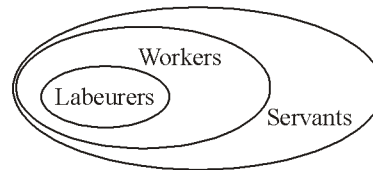
$$7 : 49 : 630$$

$$\downarrow \quad \downarrow \quad \downarrow$$

$$7^1 \quad 7^2 \quad 7^3$$

So, D option is odd.

24. (D) The least possible Venn diagram as follows.



Neither conclusion I nor II follow.

25. (D) $753 = 19$

$$57 \div 3 = 19$$

$$247 = 3$$

$$42 \div 7 = 6$$

$$238 = ?$$

$$32 \div 8 = 4$$

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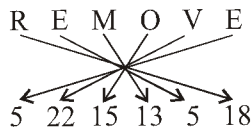
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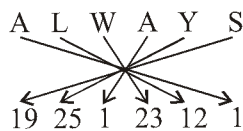
SOLUTION



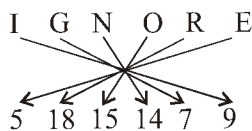
1. (B) If given letter 'REMOVE' is coded as



Similar way



that way



then 'IGNORE' will be coded as 5-18-15-14-7-9

2. (B)



3. (C) Monu & Sunny age is 5 : 4 (4 Year beofere)

$$\begin{array}{rcl}
 \text{Monu} & \text{Sunny} & \\
 +2 \left(\begin{array}{l} 5 : 4 \quad (4 \text{ year before}) \\ 7 : 6 \quad (10 \text{ year after}) \end{array} \right) & & 14
 \end{array}$$

$$2 \rightarrow 14$$

$$1 \rightarrow 7$$

$$\begin{array}{rcl}
 \text{Monu} & \text{Sunny} & \\
 \text{then } 5 \times 7 & 4 \times 7 & (4 \text{ year before age}) \\
 35 & 28 &
 \end{array}$$

Present age

$$35 + 4 \text{ (Monu), } 28 + 4 \text{ (Sunny)}$$

$$39 \text{ year (Monu), } 32 \text{ year (Sunny)}$$

4. (D) Shreya's birthday = 13 March (on Monday)

Raman's birthday = 21 June

13th March to 21th June odd days

$$= 18 + 30 + 31 + 21$$

$$= 4 + 2 + 3 + 0$$

$$= 2 \text{ (odd days)}$$

Monday-2 = Saturday

5. (C)

$$\text{Figure I} - 6 + 8 + 1 + 3 \rightarrow 18 - 11 \rightarrow 7$$

$$\text{Figure II} - 1 + 2 + 1 + 5 + 1 + 8 \rightarrow 18 - 12 \rightarrow 6$$

$$\text{Figure III} - 1 + 8 + 1 + 4 + 2 + 4 \rightarrow 20 - 13 \rightarrow 7$$

6. (D) If $9 \times 9 = 9$, $14 \times 6 = 28$ then $23 \times 6 = ?$

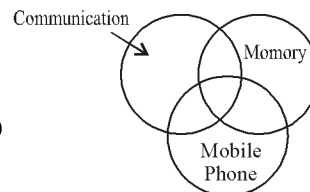
$$9 \times 3 = 9$$

$$14 \times 6 = 28$$

$$27 \div 3 = 9$$

$$26 \times 6$$

$$138 \div 3 = 46$$



7. (D)

8. (D) Given mathematical operation,

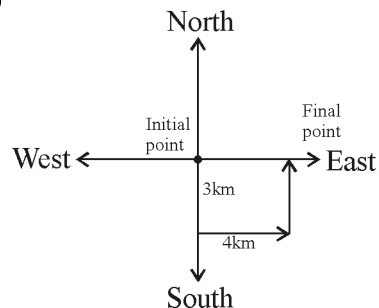
$$24 * 8 * 16 * 1 * 19$$

$$24 - 8 = 16 \times 1 + 19$$

$$3 = 35 = 3 \neq 35$$

Hence, option C is the correct

9. (D)



Hence, D is the correct answer.

10. (C) $625 : 301 :: 1024 : ?$

Difference

$$625 - 301 = 324$$

$$1024 - 700 = 324$$

Option (D) is correct.

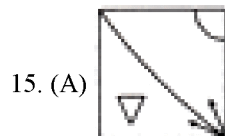
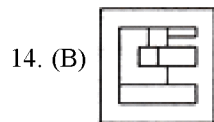
11. (C) $\begin{array}{cccc} & W & X & Y & S \\ -7 & | & -7 & | & -7 & | & -7 & | \\ & P & Q & R & L \end{array}$

Similarly

R	Q	P	O
-7	-7	-7	-7
K	J	I	H

12. (C) Bus runs on road that way drone fly on sky.

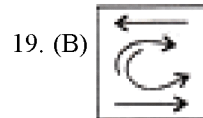
13. (C) Total triangle 18



16. (D) $\begin{matrix} 32, 33, 67, 98 \\ \downarrow \quad \downarrow \quad \downarrow \quad \downarrow \\ \text{D, I, R, T} \end{matrix}$

17. (D) 5. Dental
2. Determine
3. Disaster
5, 1, 2, 4, 3

18. (B) 'MUTED' is made by given word
'MULTIMEDIA'



20. (C) Both I and II follows.

21. (D)

(A) $26 - 676 \rightarrow 26^2 = 676$

(B) $42 - 1764 \rightarrow 42^2 = 1764$

(C) $37 - 1369 \rightarrow 37^2 = 1369$

(D) $53 - 2819 \rightarrow 53^2 = 2809 \neq 2819$

22. (D)

(A) D I T Z (only one vowel)

(B) B A R K (only one vowel)

(C) S T A R (only one vowel)

(D) E A S E (Three Vowel)

23. (B) Doneky is different in all of its uses weight carry.

24. (D) $\underline{a} \ \underline{r} \ \underline{s} \ \underline{m} \mid \text{ars} \ \underline{m} \mid \underline{a} \ \text{rs} \ \underline{m} \mid \underline{a} \ \text{rsm}$
 rmmama

25. (B) $27 \xrightarrow{\times \frac{1}{2}} 23.5 \xrightarrow{\times 1} 13.5 \xrightarrow{\times \frac{3}{2}} 20.25 \xrightarrow{\times 2} 40.25 \xrightarrow{\times \frac{5}{2}} 101.25$

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