ExamWar
PUBLICATION

Deepak Tirthyani

India's No. 1 Reasoning Teacher

SOLUTIONS
Mock Test (26 to 30)

- ➢ 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 by Deepak sir

Reasoning in My Blood

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26 Moct Test

SOLUTION

1. (C) Quash and Abrogate are synonyms and rustic Pastoral are synoyms as will.

2. (B)
$$156 : 306 :: 182 : 342$$
$$12 \times 13 \quad 17 \times 18 \quad 13 \times 14 \quad 18 \times 19$$

3. (D) F T U : L N O :: M M N : S G H
   +6, −6, −6 ... +6, −6, −6

4. (A)   4. Contend   5. Content
        1. Continual   3. Continuity
        2. Continuous
        4, 5, 1, 3, 2

5. (B) $7 \times 5 = 35$, $6 - 1 = 5$
        $12 \times 7 = 84$, $8 - 1 = 7$
        $9 \times 4 = 36$, $5 - 1 = 4$

6. (C) Gallant, Chivalrous, Courageous all means brave where as fearful is antonym of all words.

7. (D) All year are leap year except 2014.

8. (A) A E B   L O M   P S Q   K N L
       +1 +3   +1 +2   +1 +2   +1 +2

9. (C) NEAR cannot be formed from the word as 'A' is not there in the word COMPREHEND.

10. (C)
    S H I P
    ↓ ↓ ↓ ↓
    88 41 86 83

    The first number represents the column where as second number represents the row.

11. (B) 3, 6, 11, 18, 27, 38, 51, 65
         +3 +5 +7 +9 +11 +13 +15

12. (C) $\dfrac{60}{7} = 8 + \dfrac{4}{7}$ $\dfrac{60}{6} = 10$

$$\dfrac{60}{5} = 12 \qquad \dfrac{60}{4} = 15$$

$$\dfrac{60}{3} = 20 \qquad \mathbf{\dfrac{60}{2} = 30}$$

13. (D) C G K O S W A
        +4 +4 +4 +4 +4 +4

14. (A) $7 + 6 = 13 - 1 = 12$
        $5 + 5 = 10 - 3 = 7$
        $\mathbf{4 + 6 = 10 - 5 = 5}$

15. (B) 5 6 8 12 20 36
        +1 +2 +4 +8 +16

16. (D)

17. (C)

18. (D)

19. (B)
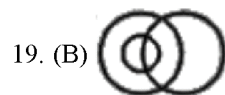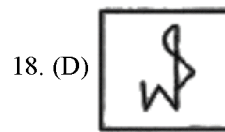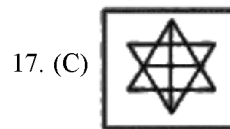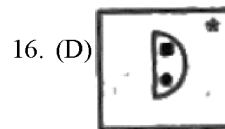
All fathers are males where as some engineers are males and some enginers are father as well.

20. (A)
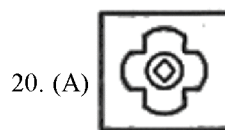
21. (C) Rannvijay is son-in-law of Rinku.

Rinku$^+$
|
Aviral$^\pm$—— Kratika$^-$══Rannvijay$^+$
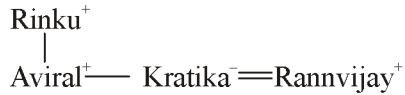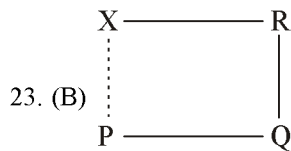
22. (D) Conclusions :

I. There is no direct relation between cows and chairs. So, it is false.

II. There is no direct relation between cows and chairs. So, it is false.

23. (B)

X————————R
⋮ |
P————————Q

X is in north direction with respect to P.

24. (C) If the third saturday of a month falls on 16th then after computer 7 day there will be next saturday it means fourth saturday.

As 16th is saturday it means month would have started from friday. So the 3rd wadnesday will be after 4th saturday.

25. (A) 1. P is on the right of Q.

Q P

2. T is on the left of Q but right of R.

R U T Q P

3. P is on the left of S.

R T Q P S

Q is sitting in the middle.

27 Moct Test

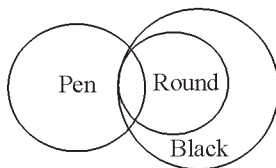# SOLUTION
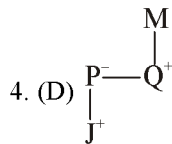
1. (A) North : South-west :: East : North-west

2. (A)   (7 + 4) × 8 = 88

       (6 + 5) × 11 = 121

       (9 + 3) × 7 = 84

3. (D)

   Only conclusion II follows.

4. (D)

     M
     |
  P⁻ —— Q⁺
     |
     J⁺

   M is mother or father of P.

5. (B) 4, 6, 10, 18, 34, **66**
       +2 +4 +8 +16 +32

6. (B)

   F L A I R
   ↓ ↓ ↓ ↓ ↓
   9 6 5 3 2

   T I G H T
   ↓ ↓ ↓ ↓ ↓
   7 3 8 I 7

   Similarly

   F L I G H T
   ↓ ↓ ↓ ↓ ↓ ↓
   9 6 3 8 I 7

7. (D) J U O M Y T   L A Y O E D
       +3 +4 +5   −3 −4 −5

8. (D) A > D | C > B

   A is definitely taller than B and D.

9. (C) If 8ᵗʰ of april falls on Monday then, 30ᵗʰ April of the month will be Tuesday.

$$\frac{30}{7} = 4 \text{ weeks} + 2 \text{ odd days.}$$

   2 odd days means Tuesday.

10. (C) (2 + 9) – (1 + 4) = 11 – 5 = 6

       (3 + 7) – (2 + 5) = 10 – 7 = 3

       (8 + 4) – (6 + 2) = 12 – 8 = 4

11. (C) Tanvir's rank from the last end = 18ᵗʰ

   Rakesh's rank from Tanvir = (18 + 6)

   ∴ Rakesh's rank from the start = (42–24)

   = 18 + 1 = 19ᵗʰ
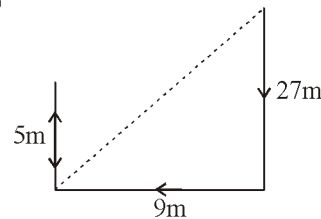
12. (D)

$$\sqrt{(27)^2 + (9)^2}$$

$$= \sqrt{729 + 81}$$

$$= \sqrt{810}$$

$$= 9\sqrt{10} \text{ m.}$$

13. (B) 18(9)3

$$\frac{13 \times 3}{9} = 6$$

   36(30)5

$$\frac{36 \times 5}{30} = 6$$

   Same as

   19(A)18

$$\frac{19 \times 18}{A} = 6$$

$$A = \frac{19 \times 18}{6} \qquad \mathbf{A = 57}$$

14. (D) No any specific countrys should not we banned it may create political issues between the countries

15. (D)

G E F   M K L   R P Q   V W Y
+1 |+1| +1 |+1| +1 |+1| -3 |+2|

16. (A)

17. (C) 9, 5.5, 7.5, 19, 84

$(9 \times 0.5) + 1 = 5.5$

$(5.5 \times 1) + 2 = 7.5$

$(7.5 \times 2) + 4 = 19$

$(19 \times 4) + 8 = 84$

$(84 \times 8) + 16 = 688$

18. (C) Let Rajan's present age the x years.

8 years ago

Rajan's age = $(x - 8)$

$(x - 8) = \dfrac{5}{6} x.$

$6x - 48 = 5x$

$x = 48$

Rajan's sister is 10 years younger.

then him = $(48 - 10)$

     = 38 years.

19. (C) Thursday (40 m) to Friday (8:30pm)

Time difference = 40 hours and 30 min.

every 3 hours clock gains 20 sec.

Then after 40 hr & 30 min = 270 sec extra gain.

So, correct time is 8 : 30 pm + 4 min + 30 sec.

= 8 : 34 min and 30 sec.

20. (A) He took 2 turns to wards south.

21. (B)

P is standing between T and S.

22. (B) $2(101)5 = 5 \times 2 = 10 = 1 + 0 = 1$

$8(246)3 = 8 \times 3 = 24 = 2 + 4 = 6$

$3(\mathbf{213})7 = 7 \times 3 = 21 = 2 + 1 = 3$

23. (C)

X Z   B X   F U   J Q   N L

+4   +4   +4   +4

−2   −3   −4   −5

24. (A) (216, 343, 512)   (27, 64, 125)

$(6^3, 7^3, 8^3)$ $(3^3, 4^3, 5^3)$

25. (B)

Either conclusion I or III, and II follow.

Deepak sir Social Media

Telegram   Facebook   Instagram   YouTube   Twitter

28 Moct Test   # SOLUTION

1. (D) Sunday (3 am) to Tuesday (10 am)

    Time difference = 55 hours.

    Every 3 hours clock gains 12 sec.

    Then after 55 hours = 220 min.

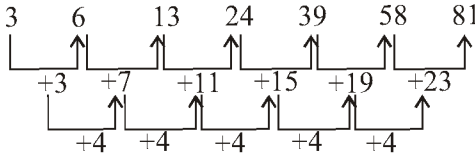   So, correct time is $\dfrac{220}{60}$ = 10hrs + min + 40 sec.

    = 10 hrs 3 min. 40 sec.

2. (C) If Lilac will go then Balsamic, will also go togther.

    If woody is added then Mimosaic will never the added together.

    So, Mimosaic and Lilac will not form a comlination.

3. (A)

    3   6   13   24   39   58   81

    +3   +7   +11   +15   +19   +23

    +4   +4   +4   +4   +4

4. (D) A causes B on C. (not both)

    F occurs only if B occurs

    D occurs if B or C occurs.

    E occurs only if C occurs

    J occurs only if E or F occurs.

    D causes by on H (Not both)

    H occurs if E occurs.

    G occurs if F occurs.

    I. F and G.

    G occurs if F occurs and F occurs only if B occurs. If B occurs than reason is A.

    II. E and H

    H occurs if E occurs and E occurs only if C occurs. If C occurs. than C occurs is A.

    III. D

    If G/H occurs than reason is D and if D occurs than B or C occurs. if B or C occurs than reason is A.

5. (D) All watches sold in the shop are if high standard where HMT watches are also sold in the shop.

    So, some the HMT watches which are sold in the shop are of high standard.
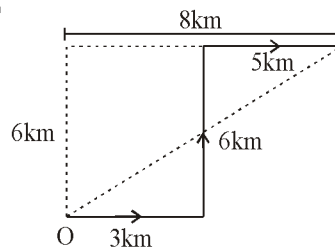
6. (A) Always and Never are antonym where as often and rarely are pairs of antonyms.

7. (D) Happy and sad are antonyms.
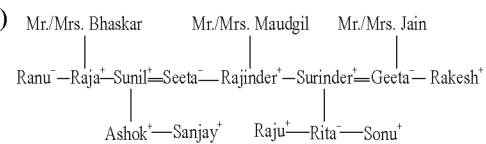
    Straight and curve are antonyms as will.

8. (B)

    The shortest distance between start point and end

    point = $\sqrt{(8)^2 + (6)^2}$

    = $\sqrt{64 + 36}$

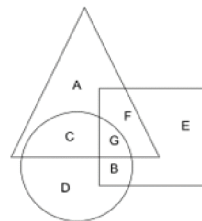   = $\sqrt{100}$ = 10 km

9. (C)

    Rajinder is paternal uncle of Raju.

10. (B) Triangle = Mysore

    Circle = Manali

    Square = Jammu

11. (D) Doctor, student and drill master all will be a human being or a living thing whereas Regiter is a non living thing.

12. (D) Trans (Transnational) can be formed which means utending or operating acrors national loundaries.

13. (A) According to the statement in last 5 year the air has become extremely polluted and people are getting ill. so, before also the symptoms of this illness would but been found.

14. (C)

C E N T R A L
(+1 −1 −1 +1 −1 −1 +1)
↓ ↓ ↓ ↓ ↓ ↓ ↓
D D M U Q Z M

Similarly

U Z M H K D E
(−1 +1 +1 −1 +1 +1 −1)
↓ ↓ ↓ ↓ ↓ ↓ ↓
T A N G L E D

15. (A) The legal age of marriage is considered between 18-20 years because it is considered that by this age a person is ready to take responsililites.

16. (A) Naturnal means active at night bats are active at night.
    Amphilian means animals who can live on both places.

17. (B) $8 \times 3 = 24 - 2 = 22$

$4 \times 4 = 16 - 5 = 11$

$5 \times 6 = 30 - 5 = 35$

18. (C) All grandmother are mothers and all mothers are femalls.

19. (D) By can be added as suffix in all the word and meaningful word can be formed.

20. (C) If 14th February, 2005 is Monday then, 14th February 2010 will be.
    Number of odd days between 2005 to 2010
    $= (1 + 1 + 1 + 2 + 1 + 1) = 77$
    There 14th February, 2010 will be on Sunday.

21. (D) There are 7 colour in the rainbow
    Violet, Indigo, Blue Green, Orangen, Yellow, Red.

22. (C) Z 1 A, X 2 D, V 6 G, T 21 J, R 88 M, P 445 P, [N 2676 S]
    (−2 ↑ +3 ↑ −2 ↑ +3 ↑ −2 ↑ +3 ↑ −2 ↑ +3 ↑ −2 ↑ +3 ↑ −2 ↑ +3)

23. (B)

	Maths	Geography	History	Political Science	Biology
a	✓		✓		
b	✓	✓		✓	
c	✓	✓	✓		
d		✓		✓	✓
e			✓	✓	✓

24. (D) Mercury, Earth, Saturn, Uranus
         1   3   5   7

25. (A) Both Assertion and reason are true and the reason is the correct explanation of Assertion.

29 Moct Test

SOLUTION
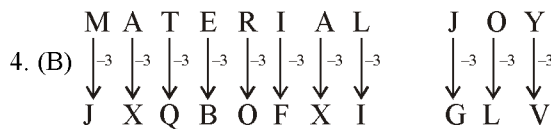
1. (D) A C F J : K M P T :: D I B E : N S L O
   (+10 each)
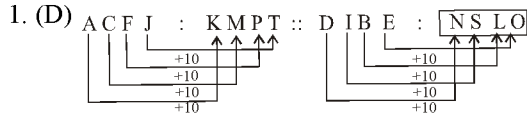
2. (C) Rectangle - Managers
   Triangle - Women
   Circle - Singers
   (9 + 4) = 13 women are managers.

3. (D)

4. (B)
   M A T E R I A L   J O Y
   (−3 each)
   J X Q B O F X I   G L V

5. (C)

   E 40m D
   25m↓   ↑25m
   A B 75m C
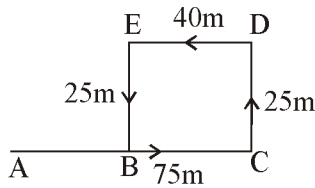
   The distance between AC – BC = AB
   (75 – 40) m = AB
   AB = 35 m

6. (A) Let the total number of boys in the row be x.

   $$\therefore \ x = \left(26 + \frac{1}{3}x + 14\right)$$

   $$x = 40 + \frac{1}{3}x$$

   $$x - \frac{1}{3}x = 40$$

   $$\frac{2x}{3} = 40$$

   $$x = \frac{40 \times 3}{2}$$

   $$x = 60.$$

7. (B) A) B $\geq$ X $\rightarrow$ False (x > I $\leq$ B $\rightarrow$ No relation)
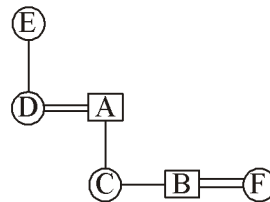   B) I < M $\rightarrow$ True (M $\geq$ O > R = x > I $\rightarrow$ M > I)
   C) A $\geq$ I $\rightarrow$ True (I $\leq$ B $\leq$ A $\rightarrow$ A $\geq$ I)
   D) B < X $\rightarrow$ False (X > I $\leq$ B $\rightarrow$ No relation)
   E) R > A $\rightarrow$ False (R = X > I < B $\leq$ A $\rightarrow$ No relation)

8. (D)

   All the statements together are not sufficient to answer the question.

9. (B) K M H K P R T V
   +2 +3 +2 +2

10. (A) A Original series-
    ABCDEFGIHJJKLMNOPQRSTUVWXYZ
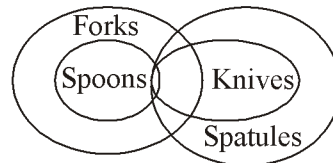   After reversing 2nd half-
    ABCDEFGHIJHLMZYXWVUTSRQPON
    The required answer:-
    8th letter from left end + 7th letter from right end.
    = 15th letter $\rightarrow$ Y

11. (C)

    Only III & IV follow.

12. (C) A Z B, C Y D, E X F, G W H, I V J, K U L
    (+1 / −1)

13. (A) Bill Gates is owner of Microsoft and Jerry Yang is the founder. on owner of Yahoo.

14. (C)

$$10 \quad 18 \quad 34 \quad \boxed{86} \quad 130 \quad 258$$
$$+8 \quad +16 \quad +32 \quad +64 \quad +128$$

15. (D)

16. (B) Girl says. "If snake is not green and if it was of not 35 it will 55".

"If the snake is not clock then if it was of not 45 it 55".

From both the statement it is clear snake is neither of 35 or 45 in size it is 55. since, the snake is 55 it cannot be of green or block. So, snake is of brown colour and 55 in size.

17. (C) The actual location of polestar is in north. So, it code language we say North as the north west.

18. (A) If we open the dice it will be nisiblel in this manner

The opposit pair will be (C, D) and (A, E).
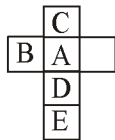
```
        | C |
    | B | A |
        | D |
        | E |
```

19. (C)

R K D   U N G   MT F   S L E
−7 −7   −7 −7   −7 −14   −7 −7

20. (C) 48 + 24 = 72

30 + 15 = 45

40 + 20 = 60

21. (B) 9 : 05 am - 32g.

9 : 35 am - 16g.

For adding 30 minutes the weight is reduced to half.

So, time difference between.

10:35 am and 11:35 am = 1 hours.

So, weight will be reduced twice

$\dfrac{4}{4} = 1$ g

22. (A) All are the ranks of Indian army in descending order.

5. Lt. General   4. Brigadier

3. Colonel   1. Major

2. Coptain

23. (D) In statement medicine 'x' is ereating ripples in meidcal field but that is no information about other medicines.

24. (C) Number of odd days in between 2015 to 2023

= (2 + 1 + 1 + 1 + 2 + 1 + 1) −7

= 9 − 7

= 2 odd days

So, 26th August 2023 is thurday + 2 odd days= Saturday.

25. (C)

7,   27,   55
   20   28
     8

Same as

16, 40,   72
   24   32
     8

30 Moct Test

SOLUTION

1. (C) B2CD, **BC3D**, BCD4, B5CD, BCCD

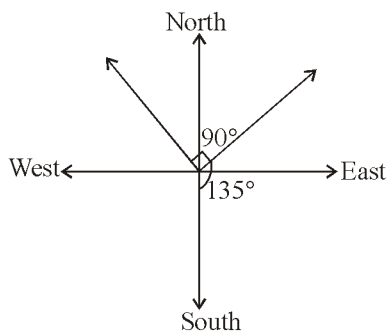   the numbers are in increasing order and alphabets are fixed **'BC3D'**.

2. (B)

   G U I T A R

   H T J S B Q

   (+1 −1 +1 −1 +1 −1)

   Similarly

   V I O L I N

   W H P K J M

   (+1 −1 +1 −1 +1 −1)

3. (B)

   North
   90°
   135°
   West East
   South

4. (D)　V. Tangle　　　　IV. Taste
   　　　I. Triangle　　　　II. Trimmed
   　　　III. Tussle
   　　　V, IV, I, II, III

5. (C)
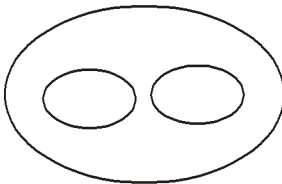
   Father can have sons and daughters or both as well.

6. (B) 121 - (11)²

   Rest other number is not square of any number.

7. (D) 54 ÷ 9 + 3 − 4 = ?

   = 6 + 3 − 4

   = 9 − 4 = 5

8. (A) Eloquent is antonym of Inarticulate similarly Obsolete is antonym of Current.

9. (C) X – Y

   X is brother of Y and Y is not the sister of X. So, Y is the brother of X.

10. (C) Q < T < U ≤ P ≥ S – R = P > Q

11. (A)

   1.　Q is sitting to the left of P and right of T.
   　　T, Q, P

   2.　S is at extreme right end.
   　　T, Q, P, S

   3.　R is to the immediate left of S.
   　　T, Q, P, R, S

12. (D)　(A) N M P O　(B) J I L K
   　　　(C) B A D C　(D) V U W X

13. (C) In statement there is nothing said about the income of trappers. Where as argument of no is given the statement.

14. (D) BRINGS cannot be formed from the word as 'B' is not there in the word SALVAGING.
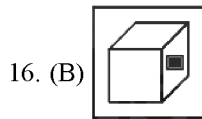
15. (C) Person owned both TV and Car = 55%

    Person owned only TV = 75%

    Person owned only Car = 70%

    ∴ If person do not own anything

    = 100 − [(70+75)−55]

    = 100 − 90 = 10%

16. (B)

17. (B)
　　1. A dog is standing to the east of the cow.
　　2. The cow is sitting to the east of the monkey.
　　　　Monkey cow dog.
　　3. Deer is to the north of monkey.
　　　　Deer
　　　　Monkey Cow　　Dog.
　　4. The cat is to the south of the dog and to the
　　east of the lion. Who is in the south of the cow.
　　　　Deer
　　　　Monkey Cow　　Dog.
　　　　　　　　Lion　　Cat
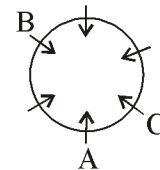　　Here, lion in in south-east direction with respect
　　to deer.

18. (C) 4　8　16　28　44　64
　　　　　+4　+8　+12　+16　+20

19. (D) P　A　L　A　C　E
　　　　 ↓+2 ↓+2 ↓+2 ↓+2 ↓+2 ↓+2
　　　　 R　C　N　C　E　G

20. (B) Current's SI unit is Ampere and work's SI unit is Joule.
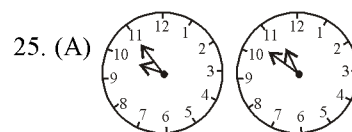
21. (B) I. 　II.

III.
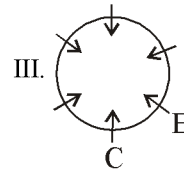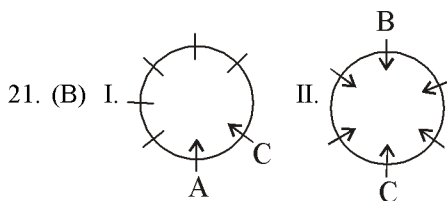
On combining the statements 1 and 2

22. (D) Both the action should be taken the institutes board objectives should be redefined and a practical plan should the prepared for any work. Since, the institute has not done the work with the action plan. So, a report should be formed on it.

23. (C) Number of odd days in (1600 + 300)
　　years = (0+1)
　　78 years = 19 leap year + 59 ordinary years
　　= (38 + 59) odd days.
　　= 97 odd days.
　　= 6 odd days.
　　12 days of January have 5 odd days.
　　∴ Total number of odd days = 1 + 6 + 5
　　　　　　　　　　　　　　　 = 5 odd days
　　Hence, total desired day was friday.

24. (D) 1　4　7　10　13　16
　　　　　+3　+3　+3　+3　+3

25. (A)