



Deepak Tirthyani

India's No. 1 Reasoning Teacher

SOLUTIONS **Mock Test (21 to 25)**



- 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

www.deepaksir.com

21
Mock Test

SOLUTION



1. (A) ECG means electrocardiography
Which is used to measure Heart's activity.
EEG means electroencephalogram
Which is used to measure electrical activity of the brain.

2. (A) $NKH : ROL :: DFH : HJT$
 $\begin{array}{c} N \quad K \quad H \\ \downarrow +4 \quad \downarrow +4 \quad \downarrow +4 \\ K \quad L \quad O \end{array}$
 $\begin{array}{c} D \quad F \quad H \\ \downarrow +4 \quad \downarrow +4 \quad \downarrow +4 \\ H \quad J \quad T \end{array}$

3. (D) $396 : 132 :: 936 : 312$
 $\begin{array}{c} 396 \\ \div 3 \\ 132 \end{array}$
 $\begin{array}{c} 936 \\ \div 3 \\ 312 \end{array}$

4. (D)

- (A) $E \quad G \quad J \quad K$ (B) $L \quad N \quad Q \quad R$
 $\begin{array}{c} E \quad G \quad J \quad K \\ \downarrow +2 \quad \downarrow +3 \quad \downarrow +1 \\ G \quad I \quad L \end{array}$
 $\begin{array}{c} L \quad N \quad Q \quad R \\ \downarrow +2 \quad \downarrow +3 \quad \downarrow +1 \\ N \quad Q \quad R \end{array}$
- (C) $S \quad U \quad X \quad Y$ (D) $M \quad O \quad P \quad Q$
 $\begin{array}{c} S \quad U \quad X \quad Y \\ \downarrow +2 \quad \downarrow +3 \quad \downarrow +1 \\ U \quad X \quad Y \end{array}$
 $\begin{array}{c} M \quad O \quad P \quad Q \\ \downarrow +2 \quad \downarrow +1 \quad \downarrow +1 \\ O \quad P \quad Q \end{array}$

5. (D) $(16)^3 = 4096$ $(14)^3 = 2744$
 $(13)^3 = 2197$ $(17)^3 = 4913$
 (13)

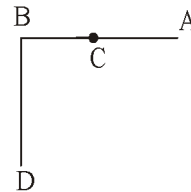
6. (C) Gather, accumulat and enchance all are synonms only alleviate's morning is different.

7. (D)
 $\begin{array}{c} S \quad H \quad E \\ \downarrow +3 \quad \downarrow +3 \quad \downarrow +3 \\ V \quad K \quad H \end{array}$
 $\begin{array}{c} E \quad E \quad T \\ \downarrow +3 \quad \downarrow +3 \quad \downarrow +3 \\ H \quad H \quad W \end{array}$

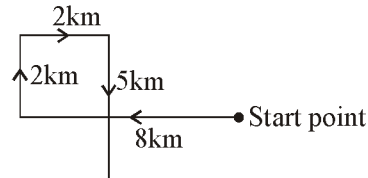
Similarly

- $\begin{array}{c} C \quad J \quad R \\ \downarrow +3 \quad \downarrow +3 \quad \downarrow +3 \\ F \quad L \quad U \end{array}$
 $\begin{array}{c} C \quad L \quad E \\ \downarrow +3 \quad \downarrow +3 \quad \downarrow +3 \\ F \quad O \quad H \end{array}$

8. (B) C is in the North-East direction of D.



9. (B)



Sagar is in south-west from the starting point.

10. (B) CURTAIN cannot be formed from the UNIVERSALISATION as 'C' is not in the word.

11. (A) $5 + 3 \times 8 \div 12 - 4 = 3$.

$$= 5 + \frac{24}{12} - 4 = 3$$

$$= 7 - 4 = 3$$

$$= 3 = 3$$

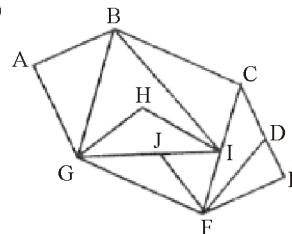
12. (C) D R O P

66, 21, 55, 99

The first digit is representing the column where as second digit is representing the row.

13. (C) Ostrich and Moroccan both are birds but they are different from each other.

14. (B)



There are 10 triangles in the diagram

15. (C) $6 + 3 = 9$

$9 + 4 = 13$

$13 + 5 = 18$

16. (A) 5. Cinderella, 1. Circle, 3. Circumference
-
2. Circumlocution, 4. Cistern

17. (C) $3 \times 4 = 12 - 4 \rightarrow 8$

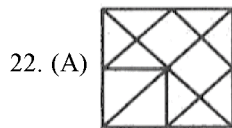
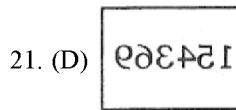
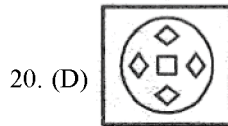
$8 \times 4 = 32 - 4 \rightarrow 28$

$28 \times 4 = 112 - 4 \rightarrow 108$

$108 \times 4 = 432 - 4 \rightarrow 428$

18. (B) $\begin{array}{ccccccc} 38 & 82 & 126 & 170 & \boxed{214} \\ & +44 & +44 & +44 & +44 \end{array}$

19. (A) $\begin{array}{ccccccc} p & q & \xrightarrow{+1} & r & s & \xrightarrow{+3} & v & w & \xrightarrow{+5} & b & c & \xrightarrow{+1} & \boxed{j \quad k} \\ \downarrow & \downarrow & & \downarrow & \downarrow & & \downarrow & \downarrow & & \downarrow & \downarrow & & \downarrow \\ +1 & +1 & & +1 & +1 & & +1 & +1 & & +1 & +1 & & +1 \end{array}$



23. (B) $8 * 7 + 42$

$= (8 - 1) \times (7 - 1) = 42$

$7 \times 6 = 42$

$42 = 42$

$9 * 7 + 48$

$(9 - 1) (7 - 1) = 48$

$8 \times 6 = 48$

$48 = 48$

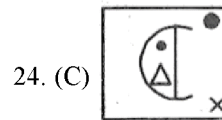
Similarly

$5 * 3 = ?$

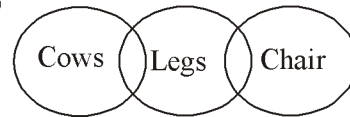
$(5 - 1) \times (3 - 1) = ?$

$4 \times 2 = ?$

$? = 8$



25. (D)



Neither conclusion I nor II follows.

घर बैठे Reasoning के किसी भी Topic को आसानी से और सरल भाषा में समझ सकते हैं वो भी बिल्कुल Free

निम्न Steps को फोलो करें-

1. Youtube पर जाये।
2. Search करें Topic Name by Deepak Sir
जैसे :- Calander by Deepak Sir
Clock by Deepak Sir



Daily Class Pdf download करने के लिए
हमारी वेबसाइट www.deepaksir.com पर विजिट करें।

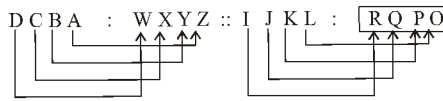
22
Mock Test

SOLUTION



1. (B) $(8)^2 = 64 \rightarrow (8)^3 = 512+1 = 513$
 $(12)^2 = 144 \rightarrow (12)^3 = 1728+1 = 1729$

2. (B) Reverse letters are written of the former.



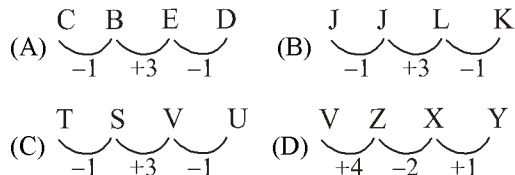
3. (C) Safe and secure both are synonyms.
 So, careful and wary are also the synonyms.

4. (D) PMT OOS NQR MSQ LVP
 Diagram showing letter shifts: P to M (-1), M to T (+2), T to O (-1), O to O (+2), O to S (-1), S to N (+2), N to Q (-1), Q to R (+2), R to M (-1), M to S (+2), S to Q (-1), Q to L (+2), L to V (-1), V to P (+2).

5. (C) 206, 309, 412, 515, 618, 721
 Diagram showing a constant difference of +103 between consecutive numbers.

6. (D) Typhoid, colera and jaundice are incommunicable diseases where as HIV-AIDs is communicable disease.

7. (D)



8. (D) (A) $4 \times 2 \times 7 \times 6 = 336 \div 3 \rightarrow 112$
 (B) $8 \times 1 \times 9 \times 9 = 648 \div 3 \rightarrow 216$
 (C) $9 \times 3 \times 9 \times 7 = 1701 \div 3 \rightarrow 567$
 (D) $5 \times 2 \times 8 \times 4 = 320 \div 3 \rightarrow 106.67$

9. (D) $48 + 8 \times 6 \div 2 - 4$

$$= 48 + 8 \times \frac{6}{2} - 4$$

$$= 48 + 24 - 4$$

$$= 72 - 4$$

$$= 68$$

10. (C) In figure -I

$$20 - 9 \rightarrow (11)^2 \rightarrow 121$$

In figure -II

$$24 - 11 \rightarrow (13)^2 \rightarrow 169$$

In figure -III

$$32 - 17 \rightarrow (15)^2 \rightarrow 225$$

11. (B) N I E C E
 12, 65, 76, 57, 20

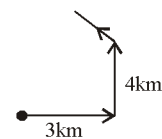
The first digit represent the position of letter in column and the second digit represents the position of letter in row.

12. (C)

13. (D) A U R I S H
 H S I U L F
 Similarly



14. (B) North west



15. (A) $(1)^2 + (2)^2 + (3)^2 \rightarrow 1 + 4 + 9 \rightarrow 14$
 $(2)^2 + (3)^2 + (4)^2 \rightarrow 4 + 9 + 16 \rightarrow 29$
 $(3)^2 + (4)^2 + (5)^2 \rightarrow 9 + 16 + 25 \rightarrow 50$
 $(4)^2 + (5)^2 + (6)^2 \rightarrow 16 + 25 + 36 \rightarrow 77$

16. (D) If 3rd day of a month is Friday.

Then, 23rd day of the same month will be Thursday.

17. (D) Let the present age of daughter be x years.

Mother's present age = $5x$ years

After 5 years,

Daughters age = $x + 5$

Mother's age = $5x + 5$

$$\therefore 5x + 5 = 3(x + 5)$$

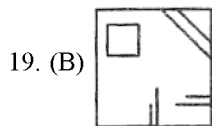
$$5x + 5 = 3x + 5$$

$$2x = 10$$

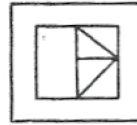
$$x = 5 \text{ years.}$$

Present age of mother = (5×5) years.
= 25 years.

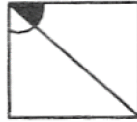
18. (B) There are 16 circles in the figure.



20. (C)



21. (A)



22. (D) 4. Objection 3. Objective
2. Obligation 1. Obscure
4, 3, 2, 1

23. (D) Fall cannot be formed from the word as 'A' is not there in the word FOLLOWING.

24. (D) Sujata is wearing gold ornaments but don't know whether gold ornaments shine or not.

25. (B)

Only conclusion II follows.

घर बैठे Reasoning के किसी भी Topic को आसानी से और सरल भाषा में समझ सकते हैं वो भी बिल्कुल Free

निम्न Steps को फोलो करें-

1. Youtube पर जाये।
2. Search करें Topic Name by Deepak Sir
जैसे :- Calander by Deepak Sir
Clock by Deepak Sir



Daily Class Pdf download करने के लिए
हमारी वेबसाइट www.deepaksir.com पर विजिट करें।



Telegram



Facebook



Instagram



YouTube



Twitter

23
Mock Test

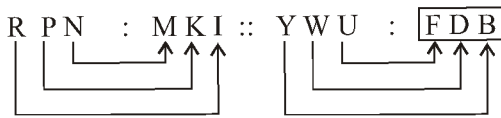
SOLUTION

1. (B) $121 : 605 :: 144 : 720$

$$121 \times 5 \rightarrow 705$$

$$144 \times 5 \rightarrow 720$$

2. (C) The reverse alphabete are given former in the later.



3. (D) Bangladesh : Dhaka :: Jordan : Aqaba

Dhaka is capital of Bangladesh similarly aqaba is capital of Jordan.

4. (D) $575 + 1 \rightarrow 576 \rightarrow (24)^2$

$$899 + 1 \rightarrow 900 \rightarrow (30)^2$$

$$2024 + 1 \rightarrow 2025 \rightarrow (45)^2$$

$$1330 + 1 \rightarrow 1331 \rightarrow (11)^3$$

5. (D) $\begin{matrix} A & Z & M & N \\ \curvearrowright & & \curvearrowright & \end{matrix} =$ Both are pairs of reverse in alphabetical order. $\begin{matrix} R & I & S & H \\ \curvearrowright & & \curvearrowright & \end{matrix} =$ Both are pairs of reverse in alphabetical order. $\begin{matrix} J & Q & X & C \\ \curvearrowright & & \curvearrowright & \end{matrix} =$ Both are pairs of reverse in alphabetical order. $\begin{matrix} L & O & Y & B \\ \curvearrowright & & \curvearrowright & \end{matrix} =$ Both are pairs of reverse in alphabetical order.

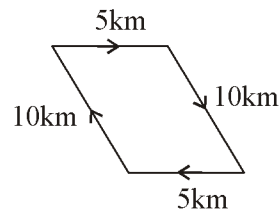
6. (D) Mindful, Intelligent and Brilliant all are synonms and are used for telling about as person qualities where as experienced means all those experience gained from years.

7. (C)
16, 21, 31, 46, 66, 91
+5 +10 +15 +20 +258. (C) a a b c c a a b c c a a b c c
abacac9. (D)
 $\begin{matrix} W & O & N & D & E & R \\ \swarrow \searrow \downarrow \swarrow \searrow \downarrow \\ N & O & W & R & E & D \end{matrix}$

Similarly

$$\begin{matrix} N & N & T & I & O & N \\ \swarrow \searrow \downarrow \swarrow \searrow \downarrow \\ T & A & N & N & O & I \end{matrix}$$

10. (A) He reaches to his initial position.

11. (B) Father⁺
|
Son⁺ — Sister⁻
|
Son⁺

The woman is mother of the man

12. (C) $12 - 6 + 16 \div 4 \times 8$

$$= 12 - 6 + 4 \times 8$$

$$= 12 - 6 + 32$$

$$= 44 - 6 = 36$$

$$= 36 = 36$$

13. (D)

1. Anuj is shorter than Virat but taller than Aman.

$$\text{Virat} > \text{Anuj} > \text{Aman.}$$

2. Sagar is shorter than Anuj but taller than aman.

$$\text{Virat} > \text{Anuj} > \text{Sagar} > \text{Aman.}$$

3. Dev is shorter than Virat but taller than Anuj.

$$\text{Virat} > \text{Dev} > \text{Anuj} > \text{Sagar} > \text{Aman}$$

14. (D) $72 \div (26 - 24)$

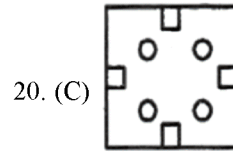
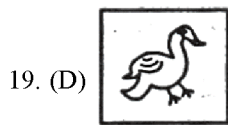
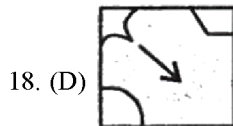
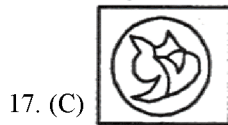
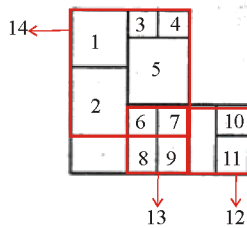
$= 72 \div 2 = 36.$

$108 \div (58 - 55) = 108 \div 3 = 36$

$189 \div (64 - 57) = 189 \div 7 = 27$

15. (D) 5. Afform 3. Effect
 1. Effect 2. Funding
 4. Inform
 5, 3, 1, 2, 4

16. (C) 14



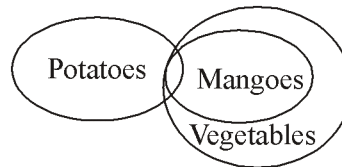
21. (C) F I L M
 24, 12, 78, 59

The first digit represents the column and second digit represents the row.

22. (C) $5 \times 6 = 30 \div 30 \rightarrow 10$
 $8 \times 9 = 72 \div 3 \rightarrow 24$
 $7 \times 9 = 63 \div 3 \rightarrow 21$

23. (B) YARD cannot be formed from the word as 'R' do not comes in the word WEDNESDAY.

24. (B)



Only conclusion II follow.

25. (B) 10 years ago,

$$\frac{\text{Sudhir's age}}{\text{Sunita's age}} = \frac{4x}{3x}$$

After 5 years.

$$\frac{\text{Sudhir's age}}{\text{Sunita's age}} = \frac{4x + 10 + 5}{3x + 10 + 5} = \frac{7}{6}$$

$$24x + 90 = 21x + 105$$

$$3x = 15$$

$$x = 5$$

There present ages

$$= [(4 \times 5) + 10], [(3 \times 5) + 10]$$

$$= 30, 25 \text{ years}$$

Deepak sir Social Media



Telegram



Facebook



Instagram



YouTube



Twitter

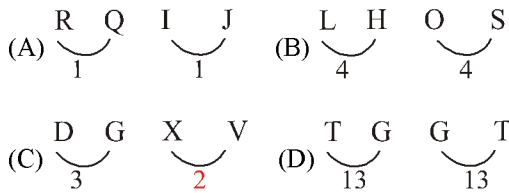
24
Mock Test

SOLUTION



1. (A) Mirth, Pleasure, Glee are synonyms of each while Dismal is antonyms.

2. (C)

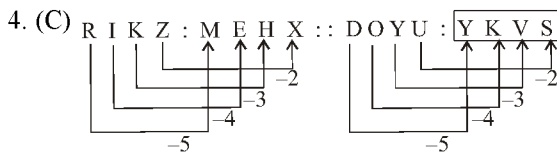


3. (B) $2025 = (45)^2 = 45$ is the perfect integer

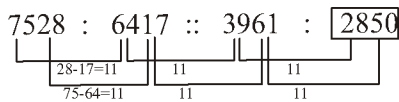
$4048 = (63.62)^2$ not a perfect integer

$1718 = (41.44)^2$ not a perfect integer

$2734 = (52.28)^2$ not a perfect integer



5. (B) $7528 : 6417 :: 3961 : ?$



6. (D) Television invented by John Logie Baird.

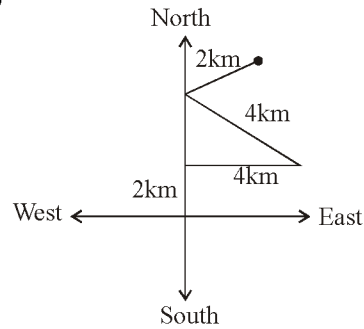
Telephone invented by Graham Bell.



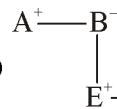
Similarly



8. (C)



Final point is north-east direction.



9. (A)

B is the mother of D.

10. (C) Given conditions,

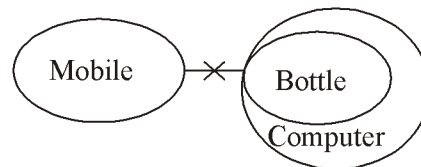
$$\div \rightarrow + \quad = \rightarrow -$$

$$6 \div 3 + 1 = 6 \times 1 - 3$$

$$3 = 3$$

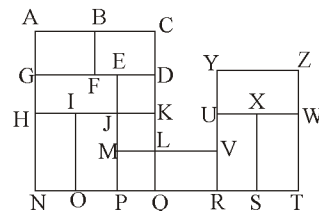
Hence, option (C) is the correct.

11. (C) The least possible venn diagram,

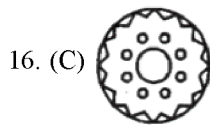
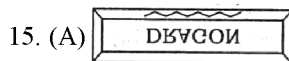
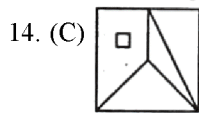


Neither conclusion I nor conclusion II follows.

12. (A)

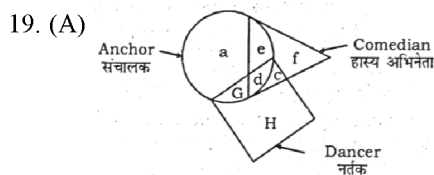


13. (D) In the given word from left to write starting from D to first E there is no gap and in alphabetical series also E comes just after D. Second pair is between Q and T. There are two letters in between the given word that are U and A. And in alphabetical series also the total number of letters between Q and T are R and S. Third pair is in between L and Q. If we check in backward direction from L to Q in given word the total number of letters are four that are E, T, A, U and then Q is written and in alphabetical series also the total number of letters are four that are M, N, O, P and then Q comes.



17. (B) S O U R
86 43 59 44

18. (B) Figure-I Figure-II
 $18 \times 12 - 11 \times 16$ $18 \times 21 - 16 \times 18$
 $216 - 176 = 40$ $378 - 288 = 90$



'e' is that part represent which is achor & condian.
But not Dancer.

20. (C) Let take Rudra's Age = x

Vani's age = 4x

Now Rudra's age is 9 year.

It means x = 9

Vani's today age = $4 \times 9 = 36$

5 year before

$36 - 5 = 31$ years

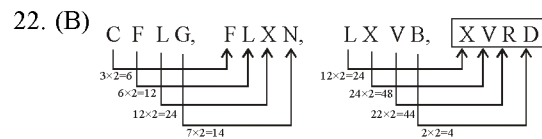
21. (C) $16 \times 0.5 = 8 + 9 = 17$

$$17 \times 1 = 17 + 11 = 28$$

$$28 \times 1.5 = 42 + 13 = 55$$

$$55 \times 2 = 110 + 15 = 125$$

$$125 \times 2.5 = 312.5 + 17 = 329.5$$



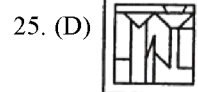
23. (D) France, Reaction, Vocate is used to made word 'VERIFICATION'.

But voted word cannot be made.

24. (B) In the arranging dictionary order,

Against < Another < Anxious

< Approval < Apriate



Deepak sir Social Media



Telegram



Facebook



Instagram



YouTube



Twitter

25
Mock Test

SOLUTION



1. (C) Ahmedabad is famous for cotton.

Hooghly is famous for Jute.

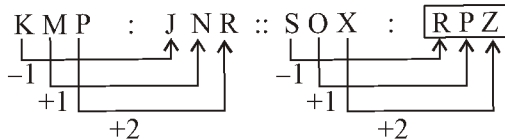
2. (B) $3 : 27 :: 7 : ?$

3 is related to 27 that way $3 \times 9 = 27$

similar way,

7 is related to 63 that way $7 \times 9 = 63$

3. (A) KMP : JNR :: SOX : ?



4. (B) 'REST', 'NOTA', 'MASTER' word is in main word 'SPHYGMOMANOMETER'.

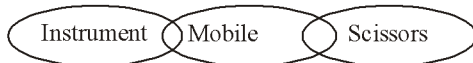
5. (C) In the dictionary order,

Cinderella < Circle < Circumference

< Circumlocution < Cistern

5, 1, 3, 2, 4

6. (C) The least possible venn diagram as follow.



Both conclusion I and II follow.

7. (D) In the following given operations are as follow.

$$7 \times 2 = 14$$

$$9 \times 9 = 81$$

$$7 \times 2 = 14$$

$$9 \times 9 = 81$$

Similarly

$$7 \times 7 = ?$$

$$7 \times 7 = 49$$

$$\text{Reverse} = ? = 94$$

8. (A) Cobbler, Tailor, carpenter are profession but droper is not profession, so, option A is odd.

9. (B) 4, 169, 64, 256, 1024, 4096, 16384

$$4 \times 4 = 16$$

$$16 \times 4 = 64$$

$$64 \times 4 = 256$$

$$256 \times 4 = 1024$$

$$1024 \times 4 = 4096 \neq 4098$$

$$4096 \times 4 = 16384$$

10. (D)

(A) H I J

(B) M N O

8 9 10

13 14 15

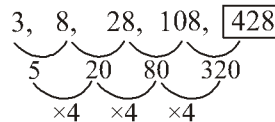
(C) V W X

(D) K M N

22 23 24

11 13 14

11. (C)



12. (B) $\frac{Q}{X} = \frac{17}{24}$, $\frac{S}{U} = \frac{19}{21}$, $\frac{U}{R} = \frac{21}{18}$, $\frac{W}{O} = \frac{23}{15}$, $\frac{Y}{L} = \frac{25}{12}$

B is the correct answer.

13. (A) qq r ppq q q rpp q q qr

rqqq

14. (D) $15 * 15 * 5 * 2 * 3 * 44$

$$15 \times 15 \div 5 + 2 - 3 = 44$$

$$44 = 44 \text{ Using BODMAS}$$

15. (C) We check options one by one.

32 11 89 22

C A K E

16. (D) $\frac{5 \times 6}{16} = 4$ $\frac{6 \times 7}{36} = 6$

$$4^2 = 16$$

$$6^2 = 36$$

Similarly

$$\frac{11 \times 8}{121} = ?$$

$$11^2 = 121$$

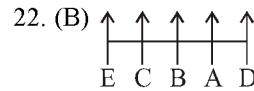
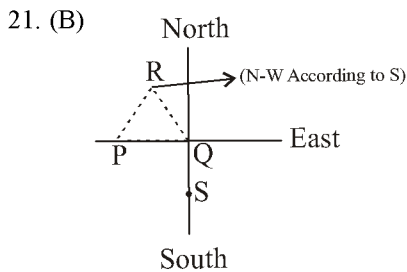
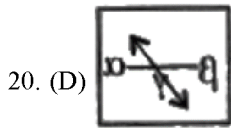
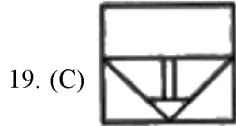
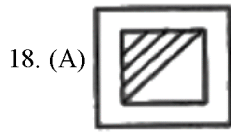
17. (D) $9 \times 2 - 2 = 16$

$$16 \times 2 - 2 = 30$$

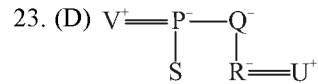
$$30 \times 2 - 2 = 58$$

$$58 \times 2 - 2 = 114$$

$$114 \times 2 - 2 = 226$$

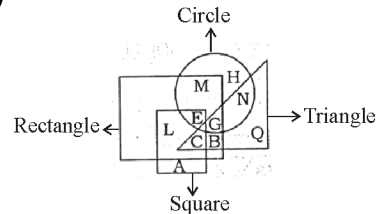


B is sitting in the middle of the row.



24. (B) According to anupom, his father's birthday
 24 July, 25 July
 According to anupam sister, her father's birthday
 25 July, 26 July or 27 July.
 Common Date is 25 July. So, their
 Father's birthday is 25 July.

25. (C)



Hence, G is the common part of the all letter in various figure.

घर बैठे Reasoning के किसी भी Topic को आसानी से और सरल भाषा में समझ सकते हैं वो भी बिल्कुल Free

निम्न Steps को फोलो करें-

1. Youtube पर जाये।
2. Search करें Topic Name by Deepak Sir
 जैसे :- Calander by Deepak Sir
 Clock by Deepak Sir



Daily Class Pdf download करने के लिए
 हमारी वेबसाइट www.deepaksir.com पर विजिट करें।



Telegram



Facebook



Instagram



YouTube



Twitter