



Deepak Tirthyani

India's No. 1 Reasoning Teacher



SOLUTIONS **Mock Test (1 to 5)**

- ? 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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1
Mock Test

SOLUTION



1. (B)

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

Logic - In this question, we have used Sum of given alphabetical group position values + 5.

In the following question,

NOTE → N = 14, O = 15, T = 20, E = 5

NOTE + 5 = 14 + 15 + 20 + 5 + 5 = 59

FOOD → F = 6, O = 15, O = 15, D = 4

FOOD + 5 = 6 + 15 + 15 + 4 + 5 = 45

RATIO = 18 + 1 + 20 + 9 + 15 + 5

RATIO + 5 = 18 + 1 + 20 + 9 + 15 + 5 = 68

Hence, 68 is the correct answer.

2. (B) In the given alternative,

$$(11)^3 = 1331$$

$$(12)^3 = 1728$$

$$(15)^3 = 3375$$

All three have perfect cube numbers which belong to Integers. But 1024 does not keep the perfect cube Integer. So, 1024 is an odd number in the given alternative.

3. (C) Given equation,

$$117 \div 9 \times 5 + 5 - 7 = 31$$

Interchanging the \times , $+$ in the following equation,

$$117 \div 9 + 5 \times 5 - 7 = 13 + 25 - 7 = 31$$

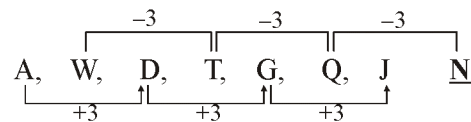
Hence, \times , $+$ is the correct Answer.

4. (B) In the following arrangement positional values of all alphabets are as follows.

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

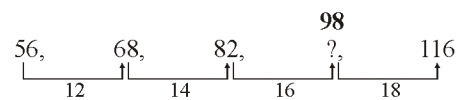
Position values of given alphabetical,

A = 1, W = 23, D = 4, T = 20, G = 7, Q = 17, and J = 10



Hence, N is the correct answer.

5. (B) Given series,



Hence, 98 is the correct answer.

6. (D) Given condition,

'-' means '+', '+' means \times , ' \times ' means \div , and ' \div ' means -

Using BODMAS the rule,

BODMAS (Bracket of division Multiplication Addition Subtraction)

$$40 - 30 + 20 \div 8 \times 2 = 40 - 30 + (20 \div 8) \times 2 = 40 - 30 + 5 = 15$$

Hence, 15 is the correct answer.

7. (A) Eleven players play cricket with each side. That way, Five players play Basketball with each side.

Hence, Five is the correct Answer.

8. (C) In the given pattern,

64 is the square of 8.

121 is the square of 11.

144 is the square of 12.

Hence, 12 is the correct answer.

9. (B) In the given $4 : 68 :: 9 : ?$

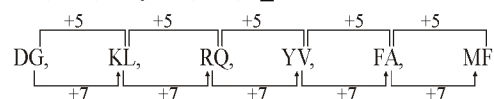
$$(4)^3 + 4 = 68$$

$$(9)^3 + 4 = 733$$

Hence, 733 is the correct answer.

10. (A) In the following question,

DG, KL, RQ, YV, FA, _



HENCE, MF is the correct answer.

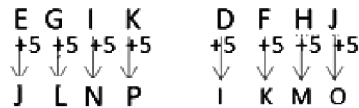
11. (D) Cornea, Retina, Pupil are the internal part of the eye But Vision is not the internal part of eyes.
12. (C) Length SI unit Metre.
Volume SI unit Litre.
13. (D) The least venn diagram of Human beings, University, Hospital are as follows.



14. (C) In the following arrangement positional values of all alphabets are as follows.

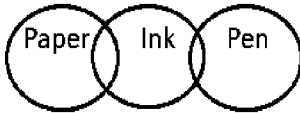
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

Position values of given alphabetical,



Hence, IKMO the correct answer.

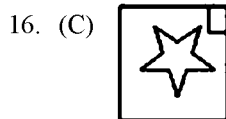
15. (D) The least possible diagram of the given statement are as follows;



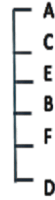
Conclusions:

- I. All Ink are Pen → False (As Some Ink are Pen and about remaining Ink and Pen we can not say it Whether it is true or not. So, it is false)
- II. Some Pen are Paper → False (As there is no direct relation between Pen and Paper we cannot say whether it is true or not. So, it is false)

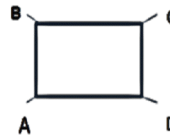
Hence, None of the conclusions are as follows.



17. (C) E is sitting between B and C.



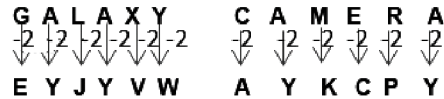
18. (B) Given data square table,
Hence, D is the opposite of the B.



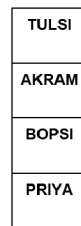
19. (A)



20. (B) AYKCPY

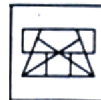


21. (D)



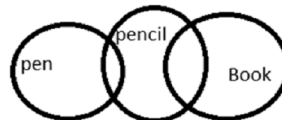
Hence, Bopsi is the second person from the bottom.

22. (A) From the given options, only OWFL contains a vowel.
Hence, option 2 is the correct answer.
23. (D) On close observation, we can see that fig. (X) is embedded in figure (d) as shown below.



Hence, option 4 is the correct answer.

24. (B) The least possible Venn-diagram is :



Conclusions:

I. Some Book are Pen - It is not a definite case, hence False.

II. No Book is Pen - It is not a definite case, hence False.

But both are complementary to each other.

So, Either I or II conclusions follow.

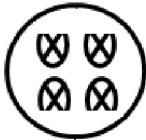
Hence, option 2 is the correct answer.

25. (A) $C > D > B > E$

C is the tallest among them.

Hence, option 1 is the correct answer.

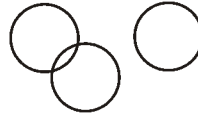
26. (B) As it is punched in a book-folding manner and then again it gets punched. So, when we open it up there will be figure as shown in option(b).



Hence option 2 is the correct answer.

27. (B) $\begin{matrix} +2 & +2 & +2 & +2 & +2 & +2 & +2 & +2 \\ W & I & K & I & P & E & D & I & A \\ & \swarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \searrow \\ C & K & F & G & R & K & M & K & Y \\ \text{Similarly,} \\ +2 & +2 & +2 & +2 & +2 & +2 & +2 & +2 \\ R & E & D & F & M & G & O & L & D \\ & \swarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \searrow \\ F & N & Q & I & O & H & F & G & T \end{matrix}$

28. (D) Some politicians can be contractors and candles is a completely different entity, as shown below.



Hence, option 4 is the correct answer.

29. (B)

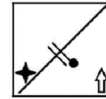
Logic: All the arrows in the corner side is moving in clockwise direction.

Star in corner is moving in anti clockwise direction.

Diagonal line is moving in mirror image form.

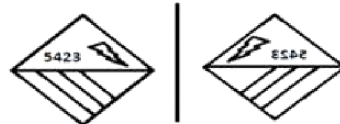
Shaded circle is moving alternately on the line.

The next figure in the series will be shown as:



Hence, option 2 is the correct answer.

30. (C) In a plane mirror, a mirror image is a reflected duplication of an object that appears almost identical, but it is reversed in the direction perpendicular to the mirror surface. As an optical effect it results from reflection of substances such as a mirror or water.



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2 Mock Test

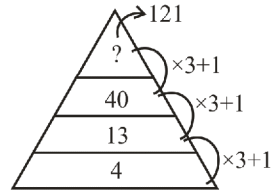
SOLUTION



- (C) BEHK - YVSP → Opposite place value
DGJM - WTQN
- (C) (Grouping/समूहन) Other three are related to separation.



- (D)
- (B) $44 - 6 \div 4 + 171 \times 19 = 29$
 $46 - 6 \times 4 + 171 \div 19$
 $46 - 24 + 9 = 29$
 $29 = 29$
- (A)

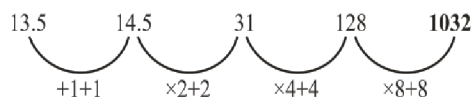


- (A) R T V S U
अतः U के ठीक बाये S बैठता है।
- (B) N Q L O M P
Q के दाये दूसरे स्थान पर O बैठता है।
- (D) All except '19371' are prime numbers.
Hence, option D is the correct answer.
- (B) J E R U S A L E M
 $+3 \mid -3 \mid +3 \mid -3 \mid +3 \mid -3 \mid +3 \mid -3 \mid +3 \mid$
M B U R V X O B P

Logic → +3, -3, +3

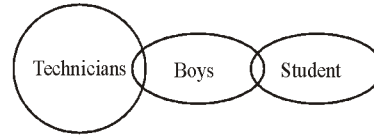
CONTRIVED → FLQWUFYBG

- (A)



Answer = 1032

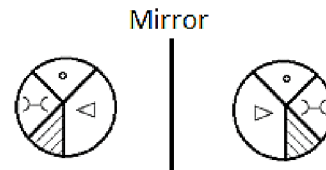
- (D)



Only III Conclusion is follow.

Only III Conclusion is True and other are wrong.

- (C) In a plane mirror, a mirror image is a reflected duplication of an object that appears almost identical, but it is reversed in the direction perpendicular to the mirror surface. As an optical effect it results from reflection of substances such as a mirror or water.



Hence, option C is the correct answer.

- (D) Here the logic is:

The +2 is added to the consonants and a particular number is assigned to vowels as AEIOU → 12345, which become the place value of the letter in the second group of letters (eg. as E is coded as 2 which is the place value of alphabet B.)

So,

B + 2 = D

E → 2 = B

G + 2 = I

U → 5 = E

Similarly,

N + 2 = P

A → 1 = A

L + 2 = N

O → 4 = D

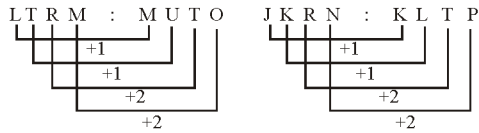
Thus NALO → PAND

Hence, option D is the correct answer

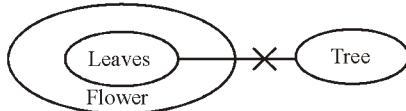
14. (B) BEJS, DGLU, KNSB, UXCL

logic is (+2, +7, +10)

15. (A)



16. (C)

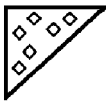


Only I is follow

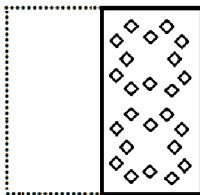
17. (C)

When the paper is unfolded it will appear as:

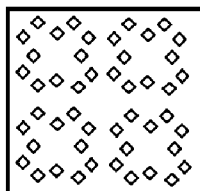
Step -1



Step -2



Step -3



Hence, option C is the correct answer.

18. (A)



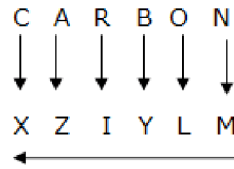
Total children in row = 19

19. (D) The mirror image:

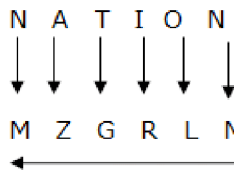
AppO66Pri43ATE 3TA84ir9@0OqqA
(D)

Hence, option D is the correct answer.

20. (A) The pattern is:



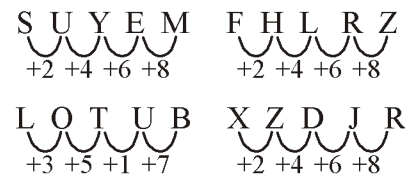
Similarly,



Here, opposite letters to the given group of letters are written in reverse order.

Hence, option A is the correct answer.

21. (C)



22. (B) The pattern follow is

$$2 \times 4 + 3 \times 5 = 23$$

$$\text{Similarly, } 2 \times 3 + 5 \times 4 = 26$$

23. (C)
- $961 - (31)^2$

$$1521 - (39)^2$$

$$1369 - (37)^2$$

$$1856 - \text{Not square is any number}$$

24. (C) RABBIT = 18

$$\text{Logic} \rightarrow \text{Total Alphabate} \times 3$$

$$\text{AEROPLANE} = 27$$

$$9 \times 3 = 27$$

$$\text{CUP} \rightarrow 3 \times 3 = 9$$

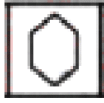
$$\frac{3}{10} : \frac{4}{17} :: \frac{5}{26} : ?$$

25. (A)

$$\frac{3}{10} : \frac{4}{17} :: \frac{5}{26} : ?$$

$$(3^2 + 1) (4^2 + 1) (5^2 + 1) (6^2 + 1)$$

26. (B)

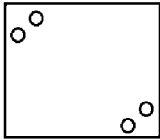


27. (D) After observation the given question figure, it is clear that answer figure D has the given embedded figure.



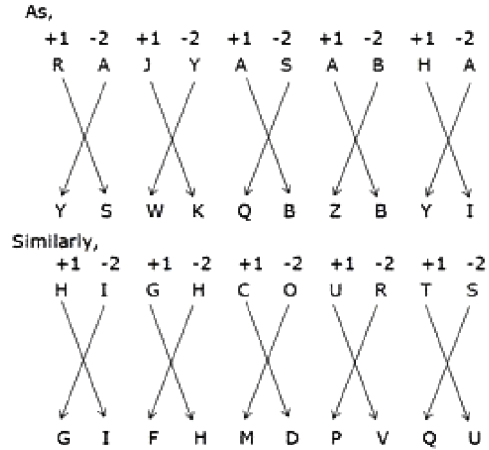
Hence, option D is the correct answer.

28. (A) After observation the given question figure, it is clear that the answer figure (A) will be formed after folding and cutting the given paper sheet.



Hence, option A is the correct answer.

29. (D)



Hence, option D is the correct answer.

30. (A) Archeology is different.

All except Archaeology are the branches of Biology.

Hence, option A is the correct answer.

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3 Mock Test

SOLUTION

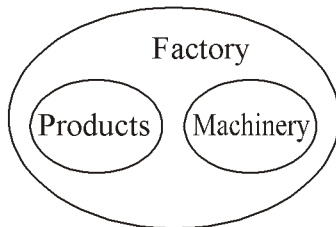


1. (C)



D is 65 kg weight.

2. (D)

3. (A) 8, 4, **4**, 8, 32, 256, 4096
 $\times 0.5 \quad \times 1 \quad \times 2 \quad \times 4 \quad \times 8 \quad \times 16$

4. (B) ZXVT : ACEG

Logic → Opposite Alfabates

Similarly WTRQ → DGIJ

5. (A) Brother remember birthday date between 15 - 18 March and sister remember birthday date between 16 - 19 March only common date is 17th March birthday.6. (C) $5 \times 8 - 5 + 5 \div 1 = 12$

After changed sings

$$5 + 8 \times 5 \div 5 - 1 = 12$$

$$5 + 8 \times \frac{5}{5} - 1 = 12$$

$$5 + 8 - 1 = 12$$

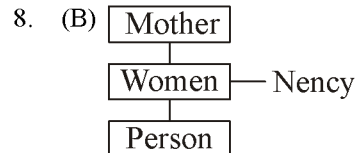
$$13 - 1 = 12$$

$$12 = 12$$

7. (D) FORPCEAMERN

After arrangement

Meanful word is - PERFORMANCE



Relation between person and Nancy is mother and son.

9. (B)



NRV is answer

10. (C) Given $20@7=50$; $25@8=62$; $35@9=84$

$$20+7=27 \times 2=54-4=50$$

$$35+9=44 \times 2=88-4=84$$

Similarly,

$$57+12=69 \times 2=138-4=134$$

Hence, option (C).

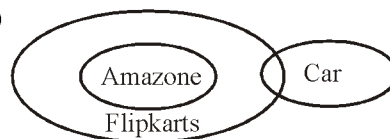
11. (C) Given $10 \times 6=90$; $10 \times 6 \times 3/2=90$

$$\text{and } 6 \times 9 \times 3/2=81$$

Similarly,

$$18 \times 8 \times 3/2=216.$$

12. (A)



Only first is follow.

13. (B) ATTITUDE - 76, 23, 77, 11, 21, 88, 66

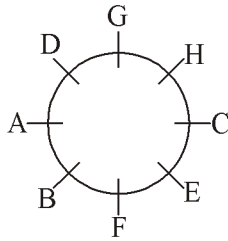


Opposite face

$$\begin{array}{ccc} 3 & 2 & 6 \\ 3 & 5 & 1 \end{array}$$

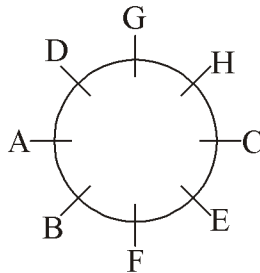
4 will be opposite of 3 because 3 is common number of both dice.

15. (B)



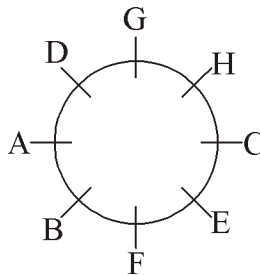
H sits third to the left of A.

16. (B)



C sits second to the right of F.

17. (B)



E is sitting opposite to D.

18. (D) $W > X, X > Y, Y > Z$

(Joint in a one row)

 $W > X > Y > Z$, then, definitely false is $Z > W$

19. (A) Both A and R are true and R is the correct explanation of A.

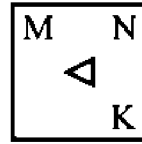
20. (A)

$$\begin{array}{cccccc} T & W & E & L & V & E \\ | & | & | & | & | & | \\ 20 & 23 & 5 & 12 & 22 & 5 \end{array} = 87$$

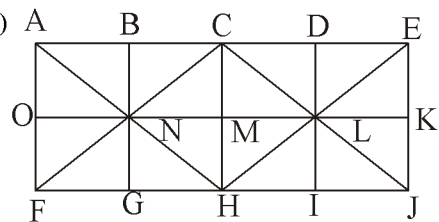
Similar

$$\begin{array}{cccccc} E & L & E & V & E & N \\ | & | & | & | & | & | \\ 5 & 12 & 5 & 22 & 5 & 14 \end{array} = 63$$

21. (D)

22. (D) Heart is related to blood
Same as lung is related to oxygen

23. (C)



Total = 36

24. (C)

ORDINARY $\rightarrow 12467923$

Similar

RADIANT $\rightarrow 294697$

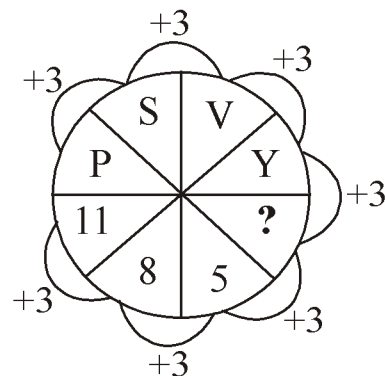
Select common Albat

25. (B) $32 + 8 - 2 \times 12 \div 14$ After change sign \rightarrow $32 \div 8 + 2 - 12 \times 4$ $= 4 + 2 - 48$ $= 6 - 48$ $= -42$ 26. (B) $11 : 1210 \rightarrow 11 : 11^2 (11 - 1) = 1210$

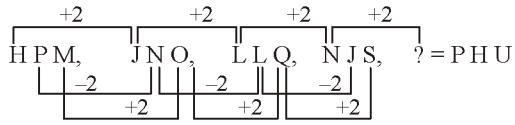
Similarly

 $8 : 448 = 8 : 8^2 (8 - 1) = 448$

27. (A)

 $? = 2$

28.(B)

29. (C) $97 : 4 :: 84 : ?$

$$9 : 7 = (2)^2 = 4$$

$$8 - 4 = (4)^2 = 16$$

30. (C) Only III Assumption is follow.

First two assumption is not related to statement.



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4
Mock Test

SOLUTION



1. (A)
- | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|
| E | D | I | T | I | O | N |
| ↓+7 | ↓+6 | ↓+5 | ↓+4 | ↓+3 | ↓+2 | ↓+1 |
| L | J | N | X | L | Q | O |
-
- | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|
| R | E | P | U | B | L | I | C |
| ↓+8 | ↓+7 | ↓+6 | ↓+5 | ↓+4 | ↓+3 | ↓+2 | ↓+1 |
| Z | L | V | Z | F | O | K | D |

2. (C) $1^3 - 1 = 0$

$$2^3 - 2 = 6$$

$$3^3 - 3 = 24$$

$$4^3 - 4 = 60$$

$$5^3 - 5 = 120$$

$$6^3 - 6 = 210$$

$$7^3 - 7 = 336$$

121 is wrong number.

3. (B) Age of Mahak = 60 years

Age of Praveen = Age of Mahak \div 2

$$= \frac{60}{2} = 30 \text{ years}$$

Age of Rajlaxmi = Age of Praveen \div 2

$$= \frac{30}{2} = 15 \text{ years}$$

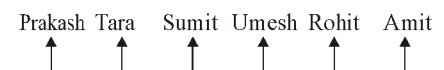
4. (D) $[(10 - 6) \times 2]^2 \rightarrow (4 \times 2)^2 = 64$

$$[(7 - 7) \times 2]^2 \rightarrow (0 \times 2)^2 = 0$$

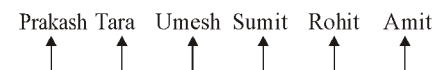
$$[(6 - 3) \times 2]^2 \rightarrow (3 \times 2)^2 = 36$$

$$[(11 - 5) \times 2]^2 \rightarrow (6 \times 2)^2 = 144$$

5. (D) Case-I



Case-II



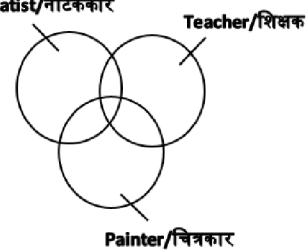
So, we can't determine.

6. (B) $175 + 25 \div 5 \times 4 - 2$

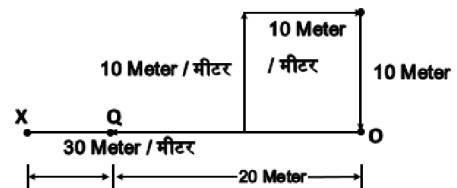
$$175 \div 25 + 5 - 4 \times 2$$

$$7 + 5 - 8 = 4$$

7. (D) Dramatist/नाटककार



8. (B)



9. (D) A gym is place where people exercise similarly-A restaurant is a place where people eat.

10. (A)



11. (B) $20 + 133 \div 19 \times 17 - 6$

$$20 + 7 \times 17 - 6$$

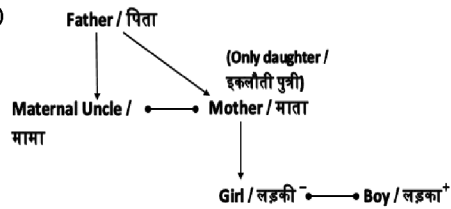
$$20 + 119 - 6 = 133$$

12. (C) We used tractor to plough & field.

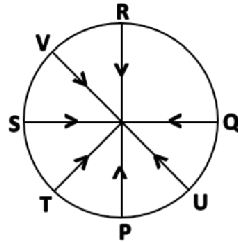
But in the given code language we called car to the tractor.

13. (B)
- | | | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 100 | 52 | 28 | 16 | 10 | 7 | 5.5 | 4.75 |
| $\times \frac{1}{2} + 2$ | $\times \frac{1}{2} + 2$ | $\times \frac{1}{2} + 2$ | $\times \frac{1}{2} + 2$ | $\times \frac{1}{2} + 2$ | $\times \frac{1}{2} + 2$ | $\times \frac{1}{2} + 2$ | $\times \frac{1}{2} + 2$ |

14. (A)

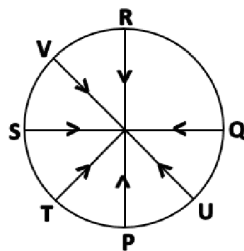


15. (A)



R and U are the neighbour of Q.

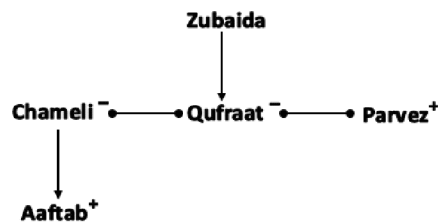
16. (C)

17. (C) $186 \rightarrow 18^2 - 6^2 = 288$ $224 \rightarrow 22^2 - 4^2 = 468$

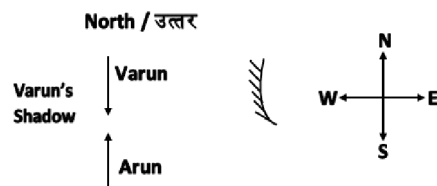
18. (B)

32	320	464	536	572	590	599
+288	+144	+72	+36	+18	+9	
+2	+2	+2	+2	+2		

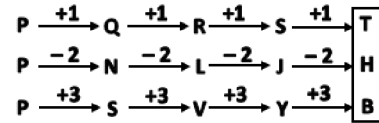
19. (B)



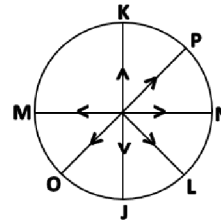
20. (B)



21. (C)



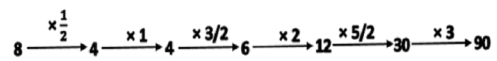
22. (D)



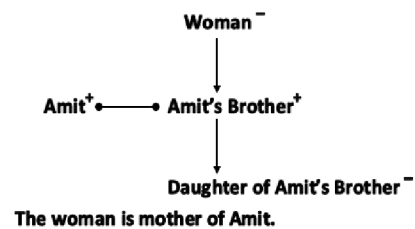
23. (C) A cacophony is an unpleasant sound. Similarly a stench is an unpleasant smell.

24. (A) $9 \times 30 - 28 \times \frac{11}{2}$ $270 - 14 \times 11$ $270 - 154$ $= 116^\circ$

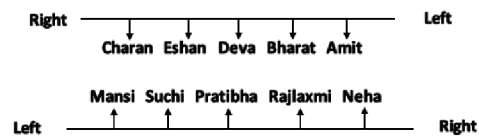
25. (D)



26. (B)



27. (A)

28. (D) $306 \div 17 \times 18 - 289 + 35$

$$\frac{306}{17} \times 18 - 289 + 35$$

$$= 8 \times 18 - 289 + 35$$

$$= 144 - 289 + 35$$

$$= -289 + 179$$

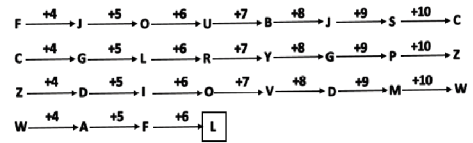
$$= \underline{110}$$

29. (D)

B	U	I	L	D	N	G	R	V	E
4	1	5	2	7	9	6	8	3	0

BRIDGE
4 8 5 7 6 0

30. (A)



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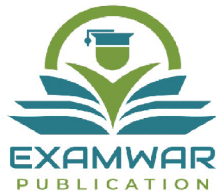
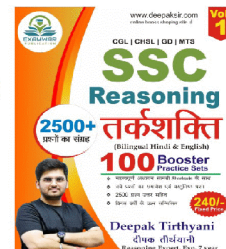
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5
Mock Test

SOLUTION

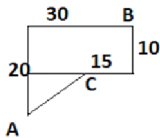


1. (B) As we know

U is written as C, K is written as H,
L is written as U, N is written as E,
S is written as L, E is written as K and
C is written as N.

So, KNUCKLES = HECNHUKL

2. (A) We can draw the following picture.



“It is clear from the above figure that point C is in north-east direction from point A.

Distance between A and C = AC

$$= \sqrt{(225 + 100)} = \sqrt{325}$$

3. (A) Logic: take the corresponding letter code given. As

R	O	C	K	S
8	2	6	4	9

and,

M	E	N	T	R
0	1	5	7	8

Therefore,

T	R	O	M	N
7	8	2	0	5

4. In this question, we show that the sum of the four numbers on the four sides is equal to the central number.

From the figure (I)

$$12 + 16 + 21 + 24 = 73$$

From the figure (II)

$$8 + 12 + 18 + 36 = 74$$

From the figure (III)

$$? + 19 + 25 + 28 = 86$$

$$? + 72 = 86$$

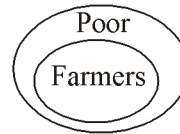
$$? = 86 - 72$$

$$? = 14$$

5. (B) Option (A) $P \xrightarrow{+3} S \xrightarrow{+4} W \xrightarrow{+5} B \xrightarrow{+6} H$
 Option (B) $D \xrightarrow{+3} G \xrightarrow{+4} K \xrightarrow{+6} Q \xrightarrow{+6} W$
 Option (C) $I \xrightarrow{+3} L \xrightarrow{+4} T \xrightarrow{+5} U \xrightarrow{+6} A$
 Option (D) $Z \xrightarrow{+3} C \xrightarrow{+4} G \xrightarrow{+5} L \xrightarrow{+6} R$

6. (C) All conclusions follow.

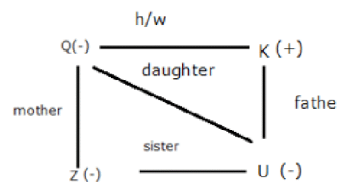
7. (A) Only II follows.



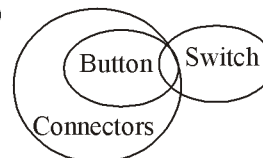
8. (D) Only option (D) satisfies the relation between bull, cow and chickens i.e. they are not related to each other in any way.



9. (B) The expression
- $Q - Z \times U \div K$
- can be drawn as given below:



10. (C)



Both conclusion are follow.

11. (C) After interchanging the signs (\times and \div)

$$= 6 + 512 \div 8 - 4 \times 13$$

$$= 6 + 64 - 52$$

$$= 6 + 12$$

$$= 18$$

12. (C) In this question, we show that-

Left ||||| B ||||| A ||||| Right

Number of boys between A and B

$$= 42 - (17 + 7)$$

$$= 42 - 24 = 18$$

The number of boys between A and B is 18.

13. (D) Since there is no 'T' involved in the word PRECIOUS, therefore, REST can't be formed.

Hence, option D is the correct answer.

14. (C) Except 169, all are multiples of 7.

15. (B) From Statement I:

$$\frac{A+B+C}{3} = 20, A+B+C=60$$

From Statement II:

$$\frac{A+B}{2} = 17.5, A+B=35$$

$$\frac{B+C}{2} = 22.5, B+C=45$$

The age difference between A and C is:

$$(B+C) - (A+B) = 45-35 = 10$$

Thus, statement II alone is sufficient to answer the given question.

16. (C) It's logic:

$$207 + 2 = 209$$

$$209 + 3 = 212$$

$$212 + 5 = 217$$

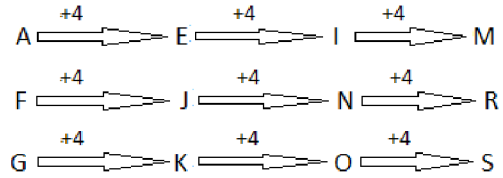
$$217 + 7 = 224$$

$$224 + 11 = 235$$

$$235 + 13 = 248$$

Each number that is being added is a prime number

17. (D) The pattern is:



So, the last term would be MRS

18. (A) On checking option A

$$6 \times 18 + 40 \div 30 - 10 = 20$$

After interchanging the signs

$$= 6 + 18 \times 40 \div 30 - 10 = 20$$

$$= 6 + 18 \times 4/3 - 10 = 20$$

$$= 6 + 24 - 10 = 20$$

$$= 30 - 10 = 20$$

$$= 20 = 20$$

19. (A) It is not mentioned about rich and poor so conclusion I does not follow.

And it is clearly mentioned about the industrial revolution and modern age, so conclusion II follows.

20. (D) Ashish > Govind > kamal

Kamal > Naren

Jeyanth > Naren

Ashish > Jeyanth

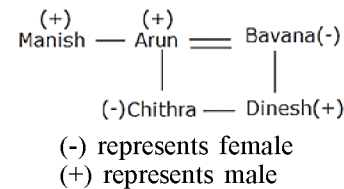
Ashish > Govind > Kamal > Jeyanth > Naren

Or

Ashish > Govind > Jeyanth > Kamal > Naren

Ashish is the tallest.

21. (D) According to the given information:



Hence, Bhavna is Manish's sister-in-law.

22. (B)

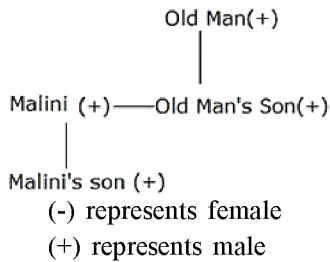


Neither I nor II conclusion follows.

23. (A) The speaker and the listener mutually form the communication system.

Similarly, the film and the audience mutually make up the cinema audience system.

24. (A) As per the given information we get;



Thus, the Old man is the father of Malini.

25. (C) Both the statements together are necessary.

There are 25 students in the class.

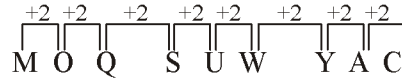
8 students have scored less than Rashmi.

Rashmi's rank = 25-8

Rashmi's rank = 17

26. (D)
- | | | | |
|----|----|-----|-----|
| +3 | +5 | +7 | +9 |
| 3F | 6G | 11I | 18L |
| +1 | +2 | +3 | +4 |
- 270P

27. (D) Here is the pattern:



28. (C) The pattern is:

$G \rightarrow 7$

$EXCEL \rightarrow 5+24+3+5+12 = 49$

Similarly, $ACCEPT \rightarrow 1+3+3+5+16+20 = 48$

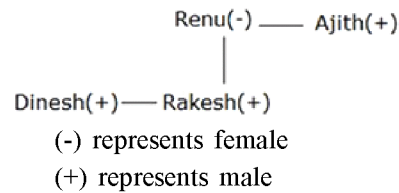
29. (B) After solving the given expression we get;

$$\frac{(36-4) \div 8 - 4}{4 \times 8 - 2 \times 16 + 1}$$

$$\frac{(32) \div 8 - 4}{32 - 32 + 1}$$

$$\frac{4 - 4}{1} = 0$$

30. (B) As per the given information:



So, Dinesh is the son of Renu.

Hence, option (B) is the correct answer.

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