



Deepak Tirthyani

India's No. 1 Reasoning Teacher

SOLUTIONS **Mock Test (11 to 15)**



- 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

11 Moct Test

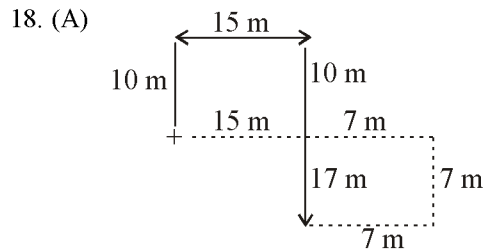
SOLUTION



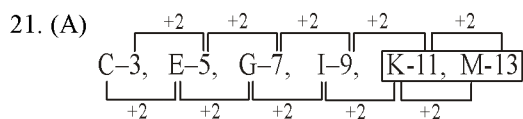
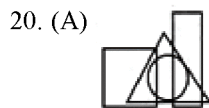
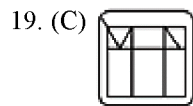
1. (B)
- | | | | | | |
|-------|-----|-------|-----|-------|--|
| 24, | 26, | 32, | 44, | 64, | 94 |
| └───┘ | | └───┘ | | └───┘ | |
| +2 | | +6 | | +12 | |
| └───┘ | | └───┘ | | └───┘ | |
| 4 | | 6 | | 10 | |
2. (C)
- | | | | | | | |
|-----|-----|-----|-----|---|---|-----|
| N | D | T | V | A | B | P |
| 1×4 | 1×4 | 2×0 | 2×2 | 1 | 2 | 1×6 |
| 4 | 4 | 0 | 4 | 1 | 2 | 6 |
- Similarly
- | | | | |
|---|---|---|---|
| N | E | W | S |
| 1 | 5 | 6 | 9 |
3. (D)
-
- Both colution are true.
4. (B) $ab \underline{m} q | ab \underline{m} q | a \underline{b} m q | \underline{a} b m q$.
- mmba
5. (D) Female sister teacher
-
6. (C)
- | | | | | | | | | | | | | | | |
|-------|---|-------|---|-------|---|-------|---|-------|---|-------|---|---|---|---|
| M | R | T | T | Y | A | A | F | H | H | M | O | O | T | V |
| +7 | | +7 | | +7 | | +7 | | +7 | | +7 | | +7 | | |
| └───┘ | | └───┘ | | └───┘ | | └───┘ | | └───┘ | | └───┘ | | └───┘ | | |
| +7 | | +7 | | +7 | | +7 | | +7 | | +7 | | +7 | | |
7. (C) PAIN = 161914
- | | | | | | | | | | | |
|--------------|---|---|---|---|--------------|---|---|---|---|---|
| P | A | I | N | - | 1 | 6 | 1 | 9 | 1 | 4 |
| └──────────┘ | | | | | └──────────┘ | | | | | |
| Place value | | | | | Place value | | | | | |
- Similarly LONG = 1215147
8. (D) 9, 19, 37, 75, 149, 299
- | | | | | | |
|-------|----|-------|----|-------|---|
| 9 | 19 | 37 | 75 | 149 | 299 |
| └───┘ | | └───┘ | | └───┘ | |
| ×2+1 | | ×2+1 | | ×2+1 | |
9. (A) PZ : U :: BJ : F
- | | |
|-------------------------------|-----------------------------|
| 16 + 26 = $\frac{42}{2} = 21$ | 2 + 10 = $\frac{12}{2} = 6$ |
|-------------------------------|-----------------------------|

10. (A) $729 = (729)^{1/3} = 9$
(It is perfect integer Cube)
11. (D) C L Q H : E O S K :: D N P H : ? F Q R K
12. (D) $6 : 223 :: 5 : 131$
 $6^3 + (6+1) \quad 5^3 + (5+1)$
13. (A) Grandfather⁺
Father
Lata — Men
Men is brother of Lata.
14. (A)
- Total parallelogram = $10 \times 6 = 60$
15. (C) P L A T E B L E N D
3 2 8 7 6 5 2 6 9 4
Similarly
D E N T E D
4 6 9 7 6 4
16. (B) 16, 23, 32
Similar
11, 18, 27
17. (D) B F J J N R N R V

and $\begin{matrix} F & J & M \\ \boxed{} & \boxed{} & \boxed{} \\ +4 & +3 & \end{matrix}$ it odd one.



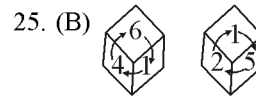
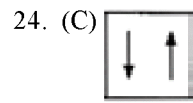
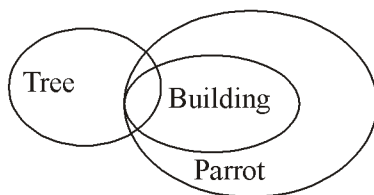
East 22 meter from initial point.



22. (A) 1, 3, 9, 2, 5, 6, 4, 7, 8

23. (C) a b c c a b b c c a a a b c a b c c a b
bccaac.

24. (A) Only II follow.

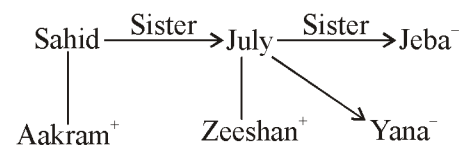


1 4 6

1 5 2

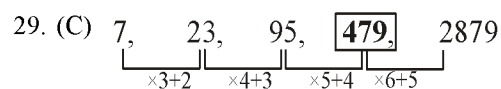
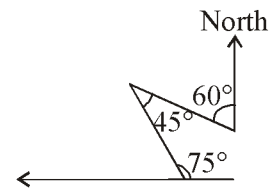
4 is opposite 5

26. (D) Niece



27. (A) 1, 4, 2, 35

28. (C) North Direction



30. (A) $12 \# 5 @ 7 = 119$

$$(12+5) \times 7 = 119$$

$$15 \# 4 @ 8 = 152$$

$$(15+4) \times 8 = 152$$

Similarly

$$17 \# 6 @ 7 = ?$$

$$(17+6) \times 7 = 161$$

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12
Mock Test

SOLUTION



1. (D) $SMEUMR = 19 + 13 + 5 + 21 + 13 + 18 = 89$
 $NTRETW = 14 + 20 + 18 + 5 + 9 + 23 = 89$
 $RSNPIG = 18 + 19 + 14 + 16 + 9 + 7 = 83$
 and $ODLCUM = 15 + 4 + 12 + 3 + 21 + 13 = 68$
 Other three options are divisible.

2. (D) Lavani
 Rouf
 Ghoomar — There are folk dance
 Eravikulam is a National Park in Kerala.

3. (B)
- | | |
|--------------------------------|----------|
| +3
+2 | +3
+2 |
| H J L N : ILOR :: DFHJ : EHK N | |
| +1 +4 | +1 +4 |

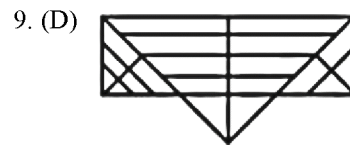
4. (C) $9 : 21$
 $3 \times 3 : 3 \times 7$
 $27 : \textcircled{63}$
 $\downarrow \quad \downarrow$
 $9 \times 3 : 9 \times 7$

5. (A)
- | | | | | |
|-----|-----|-----|------|---|
| 12, | 36, | 80, | 150, | 252 |
| 24 | 44 | 70 | 102 | |
| 24 | 26 | 32 | | |

6. (A) Sambhar is located in Rajasthan
 Pulicat lake is located in Andhra Pradesh

7. (C)
- | | | | |
|------|------|------|------|
| -4 | -4 | -4 | -4 |
| E V, | I R, | M N, | Q J, |
| +4 | +4 | +4 | +4 |
| | | | U F |

8. (C)
-



$$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 30$$

10. (D) (11, 17, 29)
 $(11+17) = 28 + 1 = 29$

Similarly

$$(8, 11, 20)$$

$$8 + 11 = 19 + 1 = 20$$

11. (C)
- | | | | |
|----|----|----|----|
| S | O | N | G |
| +1 | -3 | +5 | -7 |
| T | L | S | Z |

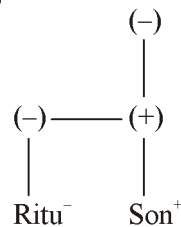
Similarly

F	I	L	E
+1	-3	+5	-7
G	F	Q	X

12. (B) ЯиГquИ

13. (C) $= 7 \times 5 \times 5 \times 4 \times 10$
 $= 7 \times 5 + 5 = 4 \times 10$
 $= 40 = 40$

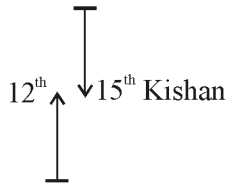
14. (C)



Grandmother

15. (C) 3 (because 3 is common)
 16. (C) SOLACE (E is not given the word)

17. (D)



$$\text{Total} = 15 + 12 - 1 = 26$$

18. (A) 52143

19. (D) Time off = 2 pm - 8 pm = 6

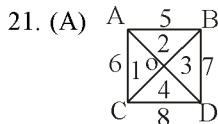
$$1 \text{ hour} = \text{hourhand} = 30^\circ$$

$$6 \text{ hour} = \text{hourhand} = 30 \times 6 = 180^\circ$$

20. (C) 5 Dec. 2019 → Saturday = 6

2018, 2017, 2016

$$5 \text{ Dec. } 2015 \rightarrow \text{Monday} = 1 (6 - 5)$$



$$\text{Total triangle} = 8$$

22. (C) Only 3 & 4 we follow.

23. (B) Neither I nor II follow.

(No one conclusion is related to statement)

$$24. (A) 2 + 7 + 4 + 5 = 72, [(5 + 7) \times (4 + 2)] = 72$$

$$3 + 2 + 8 + 9 = 121 [(9 + 2) \times (8 + 3)] = 121$$

$$1 + 5 + 9 + 5 = 100 [(5 + 5) \times (1 + 9)] = 100$$

$$7 + 5 + 4 + 8 = ? [(8 + 5) (7 + 4)] = 143$$

25. (D)

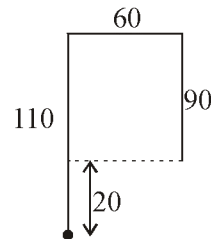
3	8	7
9	5	3
4	6	5
23	34	?

$$3 \times 9 - 4 = 23$$

$$8 \times 5 - 6 = 34$$

$$9 \times 3 - 5 = 16$$

26. (C)

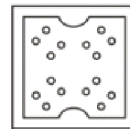


20 meter far from starting point.

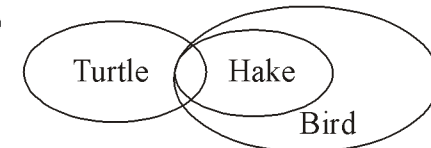
27. (C)



28. (B)



29. (A)



Only II follow.

$$30. (C) 4677 = 4 + 6 + 7 + 7 = 24$$

$$4857 = 4 + 8 + 5 + 7 = 24$$

$$8637 = 8 + 6 + 3 + 7 = 24$$

$$\text{Hence } 5371 = 5 + 3 + 7 + 1 = 16$$

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13
Mock Test

SOLUTION



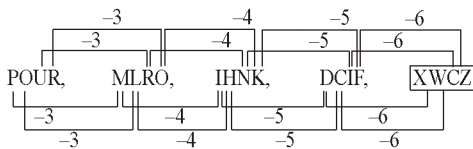
1. (B)
- 
- School



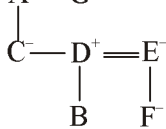
Home

North direction is the school from his house.

2. (B)



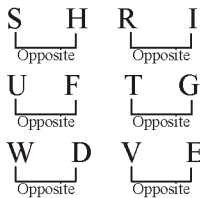
3. (A)
- $A^+ = G^-$



A is the grand father of B.

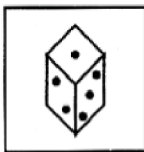
4. (A)
- A Z N V A**

5. (C)

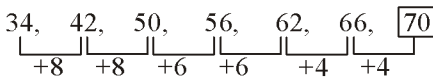


Y A C E → Not opposite

6. (A)



7. (C)



8. (A) Column 1

$$2 \times 12 - 13 - 2 (13 - 12)$$

$$24 - 13 - 2 = 9$$

Column 2

$$2 \times 33 - 40 - 2 (40 - 33)$$

$$66 - 40 - 14 = 12$$

Column 3

$$2 \times 28 - 17 - 2 (17 - 28)$$

$$56 - 17 - 2 (-11)$$

$$56 - 17 + 22 = 61$$

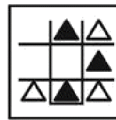
9. (A)

C	H	I	C	A	N	E	R	Y
D	N	O	D	T	H	V	K	S

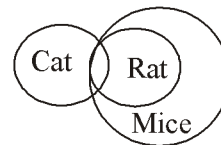
Similarly

C	R	A	N	E
D	K	T	H	L

10. (B)



11. (C)

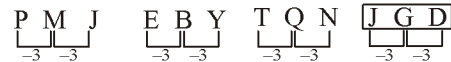


Both conclusions follow.

12. (C)



13. (B)



14. (C)

FIXED = 48

$$6+9+24+5+4 = 48$$

COMPANY = 101

$$3+15+13+16+1+14+25 = 101$$

INTTERIM = 99

$$9+14+20+20+5+18+9+13 = 99$$

15. (C)

$$72 \times 12 \times 8 \times 6 \times 22 = 32$$

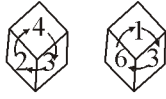
$$72 \div 12 + 8 \times 6 - 22 = 32$$

$$6 + 48 - 22 = 32$$

$$54 - 22 = 32$$

$$32 = 32$$

16. (B)



3 2 4

3 6 1 (2 is opposite 6)

17. (B)

$$= 8 \times 18 = 144 = 12^2$$

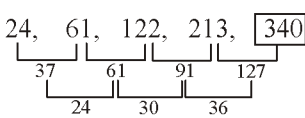
$$= 27 \times 12 = 324 = 18^2$$

$$= 25 \times 16 = 400 = 20^2$$

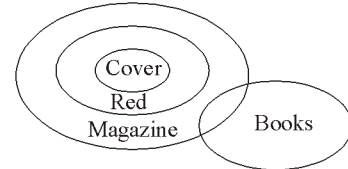
$$= 32 \times x = 32 \times 8 = 16^2$$

$$= 32 \times 8 = 256 = 16^2 = x = 8$$

18. (A)



19. (A)



20. (C)

O X B R I D G E
| | | | |
B D E G I O R X
Similarly
M O U T H F U L
| | | | |
F H L M O T U V

21. (B)



22. (D)



23. (A)



24. (D)

$$48 \text{ ducks} = 48 \times 2 = 96$$

$$42 \text{ goats} = 42 \times 4 = 168$$

$$10 \text{ cow} = 10 \times 4 = 40$$

$$\text{Total feet} = 304$$

$$\text{Head } 100 = 304 - 100 = 204$$

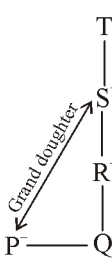
$$\text{then } 216 = 204 + 12 = 216$$

$$\text{we need} = 12 \text{ men}$$

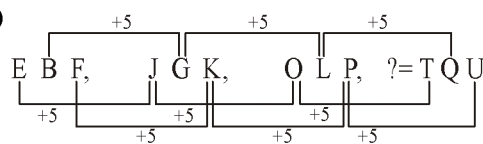
25. (D)

P Q R L G

26. (B)



27. (C)



28. (D)

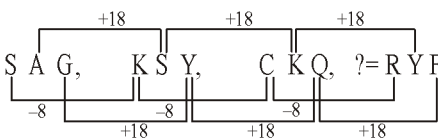
$$19 + 4 \# 5 = 39 \quad 21 \# 5 + 6 = 111$$

$$19 + 4 \times 5 = 39 \quad 21 \times 5 + 6 = 111$$

$$\text{Similarly } 11 + 15 \# 5 = 86$$

$$11 + 15 \times 5 = 86$$

29. (C)

logic (-8) , $(+18)$, $(+18)$

30. (C)



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Telegram



Facebook



Instagram



YouTube



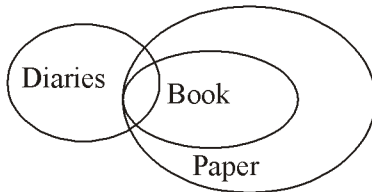
Twitter

14
Mock Test

SOLUTION

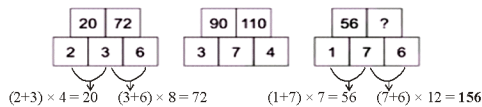


1. (A)

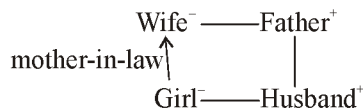


Only II follow.

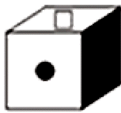
2. (C)

Logic : $(x + y) \times [(x + y) - 1]$

3. (A)



4. (A)

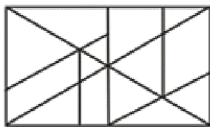


5. (C)



(because every step one circle is reduce)

6. (C)



Single -9

Double -5

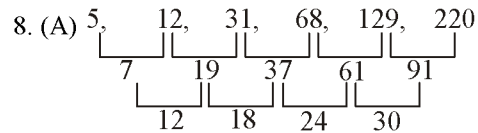
Triple -4

Large -3 Total = 21

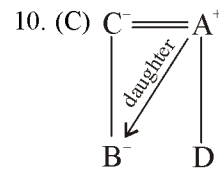
7. (D)

(i) $T > V$ = wrong(ii) $Y = Q$ = wrong(iii) $L = E$ = wrong

No one is follow.



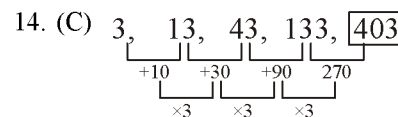
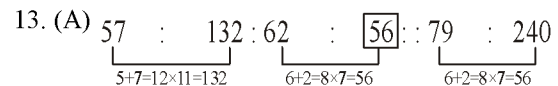
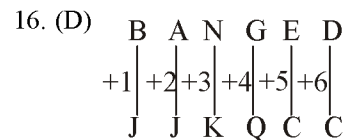
9. (B) Information available in Encyclopedia, same as equipment available in factory.

11. (A) $4 \times 2 \times 6 = 1626$ $3 \times 7 \times 4 = 974$

Same as

 $5 \times 6 \times 8 = 2568$

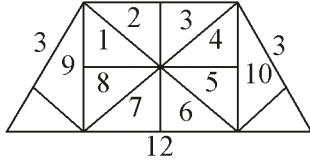
12. (B) Crocodile is a Ambiphibian not reptile.

15. (C) Hitesh > Mohit > Suneel = Mahesh > Nitin
Mahesh is 2nd shortest.

Similarly



17. (C)



12 – single

6 – double

4 – Triple

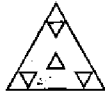
2 – Large

Total = 24

18. (A)



19. (B)



20. (C) P Q U T O S R

(P Q)

21. (C)

22. (C) $6 @ 4 @ 7 = 101$

$$6^2 + 4^2 + 7^2 = 10$$

$$2 @ 5 @ 11 = 150$$

$$2^2 + 5^2 + 11^2 = 150$$

$$A @ 8 @ 9 = 289$$

$$A^2 + 8^2 + 9^2 = 289$$

$$289 - 145 = 144 = (12)^2 = A$$

23. (D) 29 May – monday

May to Nov. = 17

$$= 15 + 17 = \frac{32}{7} = 4$$

17 Nov. 1 + 4 = 5 – 4 Friday.

24. (B)

$$\begin{array}{ccc} 56 & : & 520 \\ | & & | \\ (7^2+7) & & (8^3+8) \end{array} \quad \therefore \quad \begin{array}{ccc} 20 & : & ? \\ | & & | \\ (4^2+4) & & (5^3+5) \end{array}$$

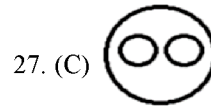
25. (C) 34, 66, is odd one

$$82, 18 = 82, 81$$

$$73, 27 = 73, 72$$

$$55, 65 = 55, 56$$

26. (C) Other three options digit sum is divisible by 5 except 48.



Chlorine & Helium Gases is called inert Gases

$$28. (D) \begin{array}{ccc} 15, & 49, & 151 \\ \times 3+4 & & \times 3+4 \end{array}$$

$$29. (C) \begin{array}{cccc} 2139 & : & 3246 & : & 4262 & : & ? = 2471 \\ 2+1+3+9=15 & & 3+2+4+6=15 & & 4+2+6+2=14 & & 2+4+7+1=14 \end{array}$$

$$30. (D) \text{EAST} - 180 = 5 + 1 + 19 + 20 = 45 \times 4 = 180$$

Similarly

$$\text{South} - ? = 19 + 15 + 21 + 20 + 8 = 83 \times 4 = 332$$

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Telegram



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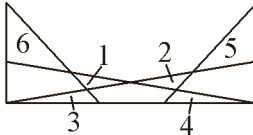
Twitter

15
Mock Test

SOLUTION



1. (B)



Single – 6

Double – 4

Tripple – 3

Large – 2

Total = 15

2. (D)



3. (C) Sunita is an organised person (True)

Sunita is an Industrious person (True)

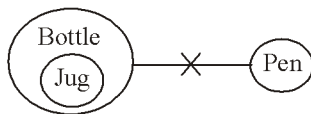
Both are follow.

4. (D) Yes, it will create new job oppartunities (may be) No,
it will further add to the pollution of the cities
(my be).

Either I or II follow.

5. (B) $\underline{r} \ m \ \underline{p} \ r \ \underline{m} \ | \ r \ m \ \underline{p} \ r \ m \ | \ r \ \underline{m} \ pr \ \underline{m}$
(rpmprmm)

6. (D)

IInd and IIIrd are follow.7. (B) $5 : 35 :: ? : ?$

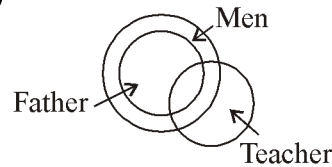
$$\begin{array}{r} 5 : 35 \\ \hline 5 \times 7 \end{array}$$

Similarly

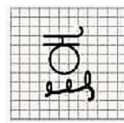
$$\begin{array}{r} 7 : 77 \\ \hline 7 \times 11 \end{array}$$

Other option not divisible by 7

8. (A)



9. (B)



10. (D)

T R O P I C A L
P O R T L A C I

Similarly

D I S T A N C E
T S I D E C N A

11. (A) Bangladesh : Taka : Greece : Euro

Bangladesh – Currency is takka

Greece – Euro is a currency

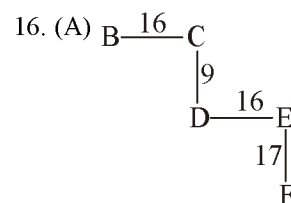
12. (B) 195

Other three option are divisible by 19, and 195
not divisible by 19.13. (D) $8 : 576 :: 4 : ? = 80$

$$8^3 + 8^2 = 512 + 64 = 576$$

$$\text{Similarly } 4^3 + 4^2 = 64 + 16 = 80$$

14. (A) Power on, start Log in Application, shut down.

15. (A) 5 : 7 are two consecutive prime number. Other
three are not consecutive prime number.

North-west

17. (C) $8 : 128$

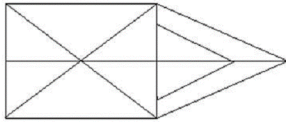
$8 \times (2 \times 8)$

Similarly

$12 : 288$

$12 \times (12 \times 2)$

18. (D)



Single – 8

Double – 4

Treple – 4

Large – 4

Total = 20

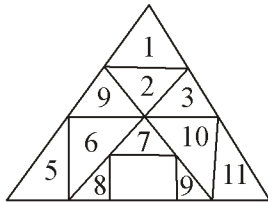
19. (B)

$$\begin{array}{|c|c|c|c|} \hline 1 & 2 & 3 & 4 \\ \hline 2 & & & \\ \hline 3 & & & \\ \hline \end{array} = 1+2+3+4 = 10$$

$$\begin{array}{|c|} \hline 3+2+1=6 \\ \hline \end{array}$$

Total parallelogram = $10 \times 6 = 60$

20. (C)



Single – 11

Double – 2

Triple – 2

Large – 1

Total = 16

21. (A) $28 : 36 (7 \times 4) (9 \times 4) - 4$ common

Similarly = $63 : 72 (7 \times 9) (9 \times 8) - 9$ common

22. (A) $67 : 171$

$6 + 7 = 13^2 = 169 + 2 = 171$

Same as

$25 : 51$

$2+5 = 7^2 = 49 + 2 = 51$

23. (C) 15 March 1990

$1 + 89 + 22 + 3 + 0 + 15$

$= 90 + 18 + 22$

$90 + 40 = \frac{130}{7} = 18$

4 odd day – Thursday.

24. (B) 2009 to 2015

$1 + 1 + 1 + 2 + 1 + 1 = 7$

2015 Year will have the same calendar as that of 2009.

25. (D) (11, 15, 346)

$11^2 + 15^2 = 346$

Similarly

(25, 10, 725)

$25^2 + 10^2 = 725$

26. (D) Soldier (other three option are name of position)

27. (D) $845 = 8 + 4 + 5 = 17$

$629 = 6 + 2 + 9 = 17$

$737 = 7 + 7 + 3 = 17$

$645 = 6 + 4 + 5 = (15) - \text{odd one}$

28. (D) $Q | Q | \underline{S} \underline{T} \underline{R}$

(Three or four person shorter than Q.)

29. (C) $Q | Q | \underline{S} \underline{T} \underline{R}$

T is shorter than Q. (True)

30. (D) $Q | Q | \underline{S} \underline{T} \underline{R}$

Possible Height of Q is 158 cm may be above.

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