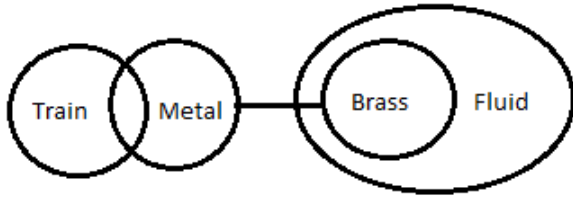


### Solutions

1. Ans. D.

The least possible Venn diagram for the given statements is as follows:

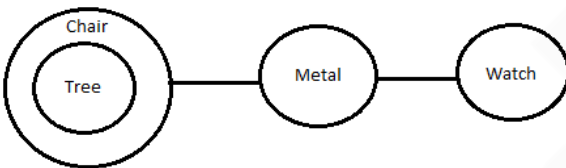


Conclusions:

- I. At least some fluids are trains → It's not sure, hence false.
  - II. All trains can be brass → Trains, which are metal can never be brass, hence false.
- Clearly, neither I nor II follow.

2. Ans. E.

The least possible Venn diagram for the given statements is as follows:

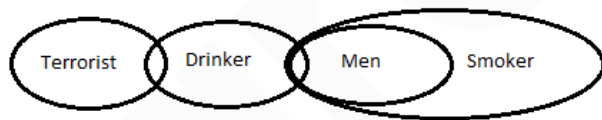


Conclusions:

- I. Some watches can be tree → It's possible, hence true.
  - II. At least some metals are not chair → It's sure, hence true.
- Clearly, both I and II follow.

3. Ans. E.

The least possible Venn diagram for the given statements is as follows:

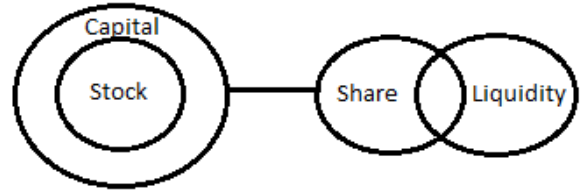


Conclusions:

- I. Some drinkers if they are men are smoker → It's sure, hence true.
  - II. Some drinkers if they are smokers are men → It's sure, hence true.
- Clearly, both I and II follow.

4. Ans. D.

The least possible Venn diagram for the given statements is as follows:

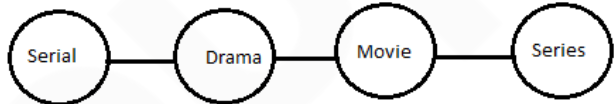


Conclusions:

- I. No capital can be liquidity → It's not sure, hence false.
  - II. All capital that are stocks may be shares → It's not possible, hence false.
- Clearly, both I and II do not follow.

5. Ans. A.

The least possible Venn diagram for the given statements is as follows:



Conclusions:

- I. Some serials being movie is a possibility → It's possible, hence true.
  - II. Some serials can never be series → It's not sure, hence false.
- Clearly, only I follows.

6. Ans. E.

It is a simple question and we will solve it line wise:-

- 1) Ramesh likes Delhi. Ramesh sits one of the ends of the row.
- 2) Kalpesh sits second to the right of Ramesh and second to the left of the one who likes Varanasi.

Here if we read the first condition, then it does not assure us that where we make sit Ramesh, but if we read second condition, then you can easily find Ramesh's place in the row. Hence, Ramesh sits at the left end of the row.



- 3) Saurabh also sits one of the ends of the row, he likes Jaipur.
- 4) Saurabh and Surbhi are immediate neighbours of each other.

Now we have the place of the left end of the row reserved for Ramesh. So now only on end left empty and it is the right end of the row. So, we can make it for Saurabh. And surbhi sits immediate left of Saurabh because there no place to the right of Saurabh.

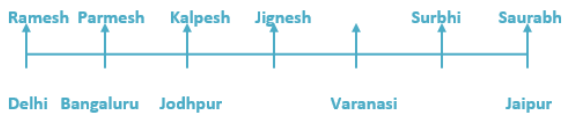


5) There are three persons sit between Surbhi and Bengaluru.

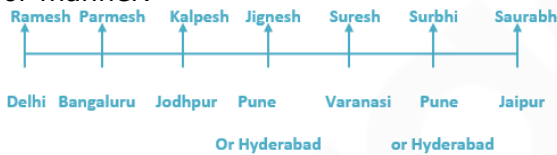
6) Parmesh likes Bengaluru. Jignesh sits immediate left of Varanasi.

7) Kalpesh likes of jodhpur.

We can make further proceedings according to conditions.



Here, we have some empty places because conditions are over but we can make it fill. First take persons, we have only one person left and it is Suresh. And Pune and Hyderabad are left places but we can't make it for particular person so we have it in either or manner.



Hence, Jignesh likes either Pune or Hyderabad.

7. Ans. C.

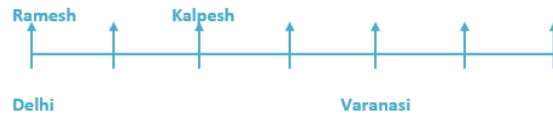
It is a simple question and we will solve it line wise:-

1) Ramesh likes Delhi. Ramesh sits one of the ends of the row.

2) Kalpesh sits second to the right of Ramesh and second to the left of the one who likes Varanasi.

Here if we read the first condition, then it does not assure us that where we make sit Ramesh, but if we read second condition, then you can easily find Ramesh's place in the row. Hence, Ramesh sits at the left end

of the row.



3) Saurabh also sits one of the ends of the row, he likes Jaipur.

4) Saurabh and Surbhi are immediate neighbours of each other.

Now we have the place of the left end of the row reserved for Ramesh. So now only on end left empty and it is the right end of the row. So, we can make it for Saurabh. And surbhi sits immediate left of Saurabh because there no place to the right of Saurabh.

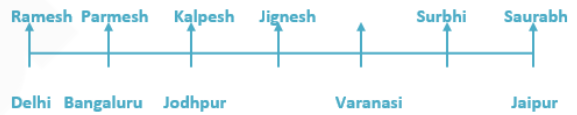


5) There are three persons sit between Surbhi and Bengaluru.

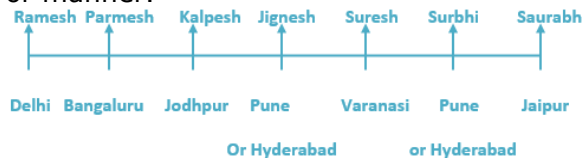
6) Parmesh likes Bengaluru. Jignesh sits immediate left of Varanasi.

7) Kalpesh likes of jodhpur.

We can make further proceedings according to conditions.



Here, we have some empty places because conditions are over but we can make it fill. First take persons, we have only one person left and it is Suresh. And Pune and Hyderabad are left places but we can't make it for particular person so we have it in either or manner.



Hence, Suresh likes Varanasi city.

8. Ans. A.

It is a simple question and we will solve it line wise:-

1) Ramesh likes Delhi. Ramesh sits one of the ends of the row.

2) Kalpesh sits second to the right of Ramesh and second to the left of the one who likes Varanasi.

Here if we read the first condition, then it does not assure us that where we make sit Ramesh, but if we read second condition, then you can easily find Ramesh's place in the row. Hence, Ramesh sits at the left end of the row.



3) Saurabh also sits one of the ends of the row, he likes Jaipur.

4) Saurabh and Surbhi are immediate neighbours of each other.

Now we have the place of the left end of the row reserved for Ramesh. So now only on end left empty and it is the right end of the row. So, we can make it for Saurabh. And surbhi sits immediate left of Saurabh because there no place to the right of Saurabh.



5) There are three persons sit between Surbhi and Bangaluru.

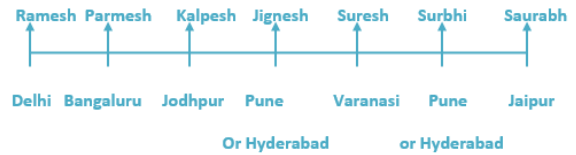
6) Parmesh likes Bengaluru. Jignesh sits immediate left of Varanasi.

7) Kalpesh likes of jodhpur.

We can make further proceedings according to conditions.



Here, we have some empty places because conditions are over but we can make it fill. First take persons, we have only one person left and it is Suresh. And Pune and Hyderabad are left places but we can't make it for particular person so we have it in either or manner.



Hence, two persons are sit between Kalpesh and Surbhi.

9. Ans. C.

It is a simple question and we will solve it line wise:-

1) Ramesh likes Delhi. Ramesh sits one of the ends of the row.

2) Kalpesh sits second to the right of Ramesh and second to the left of the one who likes Varanasi.

Here if we read the first condition, then it does not assure us that where we make sit Ramesh, but if we read second condition, then you can easily find Ramesh's place in the row. Hence, Ramesh sits at the left end of the row.



3) Saurabh also sits one of the ends of the row, he likes Jaipur.

4) Saurabh and Surbhi are immediate neighbours of each other.

Now we have the place of the left end of the row reserved for Ramesh. So now only on end left empty and it is the right end of the row. So, we can make it for Saurabh. And surbhi sits immediate left of Saurabh because there no place to the right of Saurabh.

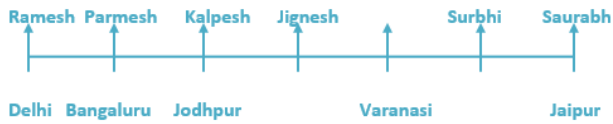


5) There are three persons sit between Surbhi and Bangaluru.

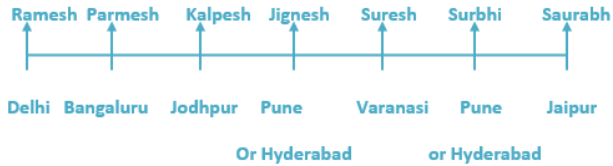
6) Parmesh likes Bengaluru. Jignesh sits immediate left of Varanasi.

7) Kalpesh likes of jodhpur.

We can make further proceedings according to conditions.



Here, we have some empty places because conditions are over but we can make it fill. First take persons, we have only one person left and it is Suresh. And Pune and Hyderabad are left places but we can't make it for particular person so we have it in either or manner.



Hence, Varanasi and Jodhpur are immediate neighbouring cities of Jignesh.

10. Ans. C.

It is a simple question and we will solve it line wise:-

- 1) Ramesh likes Delhi. Ramesh sits one of the ends of the row.
- 2) Kalpesh sits second to the right of Ramesh and second to the left of the one who likes Varanasi.

Here if we read the first condition, then it does not assure us that where we make sit Ramesh, but if we read second condition, then you can easily find Ramesh's place in the row. Hence, Ramesh sits at the left end of the row.



- 3) Saurabh also sits one of the ends of the row, he likes Jaipur.
- 4) Saurabh and Surbhi are immediate neighbours of each other.

Now we have the place of the left end of the row reserved for Ramesh. So now only on end left empty and it is the right end of the row. So, we can make it for Saurabh. And surbhi sits immediate left of Saurabh because there no place to the right of

Saurabh.

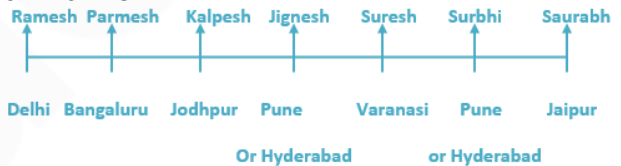


- 5) There are three persons sit between Surbhi and Bengaluru.
- 6) Parmesh likes Bengaluru. Jignesh sits immediate left of Varanasi.
- 7) Kalpesh likes of jodhpur.

We can make further proceedings according to conditions.

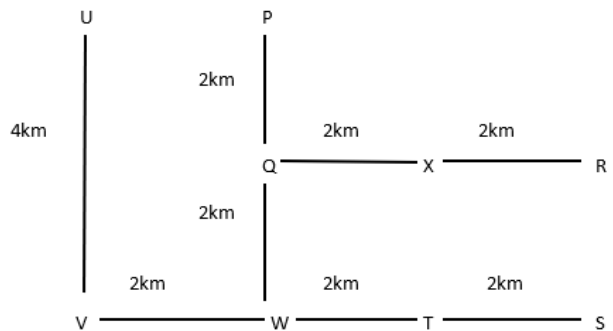


Here, we have some empty places because conditions are over but we can make it fill. First take persons, we have only one person left and it is Suresh. And Pune and Hyderabad are left places but we can't make it for particular person so we have it in either or manner.



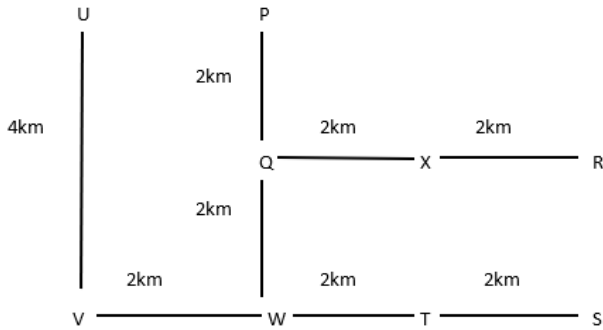
Hence, option 3 is odd one out.

11. Ans. B.



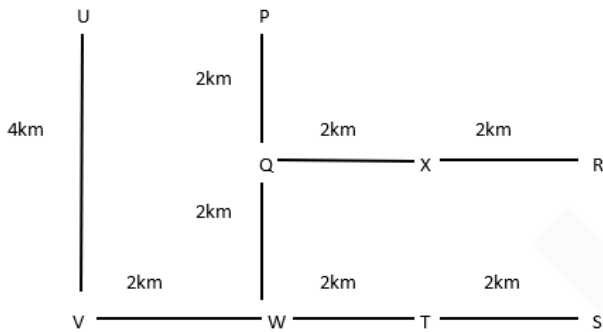
Hence, distance between W and S is 4km.

12. Ans. D.



Hence, Q is in north direction with respect to W.

13. Ans. C.



Distance between U and W

$$= \sqrt{(4)^2 + (2)^2}$$

$$\text{Distance between U and W} = \sqrt{16 + 4}$$

$$\text{Distance between U and W} = \sqrt{20} \text{ km}$$

Hence, distance between U and W is  $\sqrt{20}$  km.

14. Ans. C.

T likes Parrot.

**Detail Solution**

**Step 1 -**

Mr T works in company GAIL and lives on the ground floor. Mr S works in company NTPC and likes goldfish.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R			
P			
S		NTPC	Goldfish
Q			

**Clue 1-** The manager who lives on the fourth (top) floor does not like goldfish or parrot.

**Clue 2 -** The manager who works in company NHPC and lives on the second floor likes pigeon.

**Step 2 -**

Mr Q lives on the third floor and likes Goat.

Mr P works in company ONGC.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R			
P		ONGC	
S		NTPC	Goldfish
Q	3 <sup>rd</sup>		Goat

**Step 3 -**

Now, according to the clue 2 - (The manager who works in company NHPC and lives on the second floor likes pigeon.), we can conclude that - R works in NHPC and lives on 2<sup>nd</sup> floor who likes pigeon.

And, according to the Clue 1- (The manager who lives on the fourth (top) floor does not like goldfish or parrot.), we can conclude that P lives on the 4<sup>th</sup> floor and likes Dog.

Person	Floor	Company	Pet
T	Ground floor	Gail	Parrot
R	2 <sup>nd</sup>	NHPC	Pigeon
P	4 <sup>th</sup>	ONGC	Dog
S		NTPC	Goldfish
Q	3 <sup>rd</sup>		Goat

**Step 5 -**

Now, we can easily conclude that Q works in TCS and S live on the 1<sup>st</sup> floor and T likes Parrot.

**So, final arrangement is -**

Person	Floor	Company	Pet
T	Ground floor	Gail	Parrot
R	2 <sup>nd</sup>	NHPC	Pigeon
P	4 <sup>th</sup>	ONGC	Dog
S	1 <sup>st</sup>	NTPC	Goldfish
Q	3 <sup>rd</sup>	TCS	Goat

15. Ans. D.

R lives on the second floor.

**Detail Solution**

**Step 1 -**

Mr T works in company GAIL and lives on the

ground floor. Mr S works in company NTPC and likes goldfish.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R			
P			
S		NTPC	Goldfish
Q			

**Clue 1-** The manager who lives on the fourth (top) floor does not like goldfish or parrot.

**Clue 2 -** The manager who works in company NHPC and lives on the second floor likes pigeon.

**Step 2 -**

Mr Q lives on the third floor and likes Goat. Mr P works in company ONGC.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R			
P		ONGC	
S		NTPC	Goldfish
Q	3 <sup>rd</sup>		Goat

**Step 3 -**

Now, according to the clue 2 - (The manager who works in company NHPC and lives on the second floor likes pigeon.), we can conclude that - R works in NHPC and lives on 2<sup>nd</sup> floor who likes pigeon.

And, according to the Clue 1- (The manager who lives on the fourth (top) floor does not like goldfish or parrot.), we can conclude that P lives on the 4<sup>th</sup> floor and likes Dog.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R	2 <sup>nd</sup>	NHPC	Pigeon
P	4 <sup>th</sup>	ONGC	Dog
S		NTPC	Goldfish
Q	3 <sup>rd</sup>		Goat

**Step 5 -**

Now, we can easily conclude that Q works in TCS and S live on the 1<sup>st</sup> floor and T likes Parrot.

**So, final arrangement is -**

Person	Floor	Company	Pet
T	Ground floor	Gail	Parrot
R	2 <sup>nd</sup>	NHPC	Pigeon
P	4 <sup>th</sup>	ONGC	Dog
S	1 <sup>st</sup>	NTPC	Goldfish
Q	3 <sup>rd</sup>	TCS	Goat

16. Ans. A.

S lives on the first floor.

**Detail Solution**

**Step 1 -**

Mr T works in company GAIL and lives on the ground floor. Mr S works in company NTPC

and likes goldfish.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R			
P			
S		NTPC	Goldfish
Q			

**Clue 1-** The manager who lives on the fourth (top) floor does not like goldfish or parrot.

**Clue 2 -** The manager who works in company NHPC and lives on the second floor likes pigeon.

**Step 2 -**

Mr Q lives on the third floor and likes Goat. Mr P works in company ONGC.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R			
P		ONGC	
S		NTPC	Goldfish
Q	3 <sup>rd</sup>		Goat

**Step 3 -**

Now, according to the clue 2 - (The manager who works in company NHPC and lives on the second floor likes pigeon.), we can conclude that - R works in NHPC and lives on 2<sup>nd</sup> floor who likes pigeon.

And, according to the Clue 1- (The manager who lives on the fourth (top) floor does not like goldfish or parrot.), we can conclude that P lives on the 4<sup>th</sup> floor and likes Dog.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R	2 <sup>nd</sup>	NHPC	Pigeon
P	4 <sup>th</sup>	ONGC	Dog
S		NTPC	Goldfish
Q	3 <sup>rd</sup>		Goat

**Step 5 -**

Now, we can easily conclude that Q works in TCS and S live on the 1<sup>st</sup> floor and T likes Parrot.

**So, final arrangement is -**

Person	Floor	Company	Pet
T	Ground floor	Gail	Parrot
R	2 <sup>nd</sup>	NHPC	Pigeon
P	4 <sup>th</sup>	ONGC	Dog
S	1 <sup>st</sup>	NTPC	Goldfish
Q	3 <sup>rd</sup>	TCS	Goat

17. Ans. B.

R likes pigeon

**Detail Solution**

**Step 1 -**

Mr T works in company GAIL and lives on the ground floor. Mr S works in company NTPC

and likes goldfish.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R			
P			
S		NTPC	Goldfish
Q			

**Clue 1-** The manager who lives on the fourth (top) floor does not like goldfish or parrot.

**Clue 2 -** The manager who works in company NHPC and lives on the second floor likes pigeon.

**Step 2 -**

Mr Q lives on the third floor and likes Goat.  
Mr P works in company ONGC.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R			
P		ONGC	
S		NTPC	Goldfish
Q	3 <sup>rd</sup>		Goat

**Step 3 -**

Now, according to the clue 2 - (The manager who works in company NHPC and lives on the second floor likes pigeon.), we can conclude that - R works in NHPC and lives on 2<sup>nd</sup> floor who likes pigeon.

And, according to the Clue 1- (The manager who lives on the fourth (top) floor does not like goldfish or parrot.), we can conclude that P lives on the 4<sup>th</sup> floor and likes Dog.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R	2 <sup>nd</sup>	NHPC	Pigeon
P	4 <sup>th</sup>	ONGC	Dog
S		NTPC	Goldfish
Q	3 <sup>rd</sup>		Goat

**Step 5 -**

Now, we can easily conclude that Q works in TCS and S live on the 1<sup>st</sup> floor and T likes Parrot.

**So, final arrangement is -**

Person	Floor	Company	Pet
T	Ground floor	Gail	Parrot
R	2 <sup>nd</sup>	NHPC	Pigeon
P	4 <sup>th</sup>	ONGC	Dog
S	1 <sup>st</sup>	NTPC	Goldfish
Q	3 <sup>rd</sup>	TCS	Goat

18. Ans. D.

P likes Dog.

**Detail Solution**

**Step 1 -**

Mr T works in company GAIL and lives on the ground floor. Mr S works in company NTPC

and likes goldfish.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R			
P			
S		NTPC	Goldfish
Q			

**Clue 1-** The manager who lives on the fourth (top) floor does not like goldfish or parrot.

**Clue 2 -** The manager who works in company NHPC and lives on the second floor likes pigeon.

**Step 2 -**

Mr Q lives on the third floor and likes Goat.  
Mr P works in company ONGC.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R			
P		ONGC	
S		NTPC	Goldfish
Q	3 <sup>rd</sup>		Goat

**Step 3 -**

Now, according to the clue 2 - (The manager who works in company NHPC and lives on the second floor likes pigeon.), we can conclude that - R works in NHPC and lives on 2<sup>nd</sup> floor who likes pigeon.

And, according to the Clue 1- (The manager who lives on the fourth (top) floor does not like goldfish or parrot.), we can conclude that P lives on the 4<sup>th</sup> floor and likes Dog.

Person	Floor	Company	Pet
T	Ground floor	Gail	
R	2 <sup>nd</sup>	NHPC	Pigeon
P	4 <sup>th</sup>	ONGC	Dog
S		NTPC	Goldfish
Q	3 <sup>rd</sup>		Goat

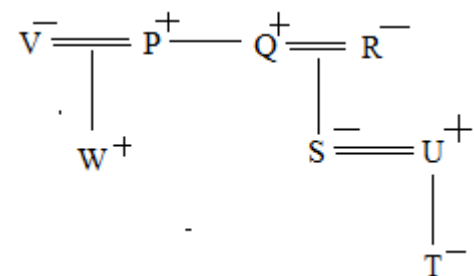
**Step 5 -**

Now, we can easily conclude that Q works in TCS and S live on the 1<sup>st</sup> floor and T likes Parrot.

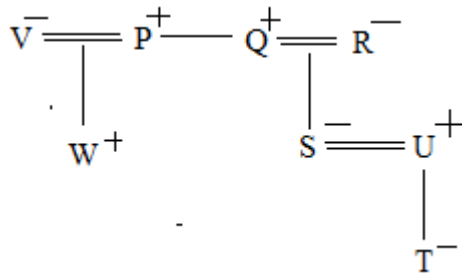
**So, final arrangement is -**

Person	Floor	Company	Pet
T	Ground floor	Gail	Parrot
R	2 <sup>nd</sup>	NHPC	Pigeon
P	4 <sup>th</sup>	ONGC	Dog
S	1 <sup>st</sup>	NTPC	Goldfish
Q	3 <sup>rd</sup>	TCS	Goat

19. Ans. A.



20. Ans. D.



21. Ans. B.

Box A (Option B is Correct)

Detail:

Box J is placed at the Bottom. Box C is at 8th no. position. Box D is kept immediately below Box C and immediately above Box E.

- ..... 10
- ..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- ..... 5
- .....4
- ..... 3
- ..... 2
- .....J..... 1

Box I is placed on even no. position. There are two boxes between F and I.

- ..... 10
- ..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- .....F..... 5
- ..... 4
- ..... 3
- .....I..... 2
- .....J..... 1

There are three boxes between Box A and Box E. Box H is placed between the Box G and I.

- .....A..... 10
- .....B..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- .....F..... 5
- .....G..... 4
- .....H..... 3

- .....I..... 2
- .....J..... 1 (Final

**Arrangement)**

22. Ans. C.

Box E and Box F (Option C is Correct)

Detail:

Box J is placed at the Bottom. Box C is at 8th no. position. Box D is kept immediately below Box C and immediately above Box E.

- ..... 10
- ..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- ..... 5
- .....4
- ..... 3
- ..... 2
- .....J..... 1

Box I is placed on even no. position. There are two boxes between F and I.

- ..... 10
- ..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- .....F..... 5
- ..... 4
- ..... 3
- .....I..... 2
- .....J..... 1

There are three boxes between Box A and Box E. Box H is placed between the Box G and I.

- .....A..... 10
- .....B..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- .....F..... 5
- .....G..... 4
- .....H..... 3
- .....I..... 2
- .....J..... 1 (Final

**Arrangement)**

23. Ans. D.

Box A, C (Option D is Correct)

Detail:

Box J is placed at the Bottom. Box C is at 8th



no. position. Box D is kept immediately below Box C and immediately above Box E.

- ..... 10
- ..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- ..... 5
- .....4
- ..... 3
- ..... 2
- .....J..... 1

Box I is placed on even no. position. There are two boxes between F and I.

- ..... 10
- ..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- .....F..... 5
- ..... 4
- ..... 3
- .....I..... 2
- .....J..... 1

There are three boxes between Box A and Box E. Box H is placed between the Box G and I.

- .....A..... 10
- .....B..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- .....F..... 5
- .....G..... 4
- .....H..... 3
- .....I..... 2
- .....J..... 1 (Final

**Arrangement)**

24. Ans. C.

Box G (Option C is Correct)

Detail:

Box J is placed at the Bottom. Box C is at 8th no. position. Box D is kept immediately below Box C and immediately above Box E.

- ..... 10
- ..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6

- ..... 5
- .....4
- ..... 3
- ..... 2
- .....J..... 1

Box I is placed on even no. position. There are two boxes between F and I.

- ..... 10
- ..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- .....F..... 5
- ..... 4
- ..... 3
- .....I..... 2
- .....J..... 1

There are three boxes between Box A and Box E. Box H is placed between the Box G and I.

- .....A..... 10
- .....B..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- .....F..... 5
- .....G..... 4
- .....H..... 3
- .....I..... 2
- .....J..... 1 (Final

**Arrangement)**

25. Ans. A.

Box F (Option A is Correct)

Detail:

Box J is placed at the Bottom. Box C is at 8th no. position. Box D is kept immediately below Box C and immediately above Box E.

- ..... 10
- ..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- ..... 5
- .....4
- ..... 3
- ..... 2
- .....J..... 1

Box I is placed on even no. position. There are two boxes between F and I.

- ..... 10
- ..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- .....F..... 5
- ..... 4
- ..... 3
- .....I..... 2
- .....J..... 1

There are three boxes between Box A and Box E. Box H is placed between the Box G and I.

- .....A..... 10
- .....B..... 9
- .....C..... 8
- .....D..... 7
- .....E..... 6
- .....F..... 5
- .....G..... 4
- .....H..... 3
- .....I..... 2
- .....J..... 1 **(Final Arrangement)**

**Arrangement)**

26. Ans. A.

Statements:  $F > J = L > Q$   $W \geq F > H$   $L \leq T < X$

Conclusions:  $H > J$ ,  $J < X$

For conclusion I:  $H > J$

From the statements I and II, we get:

$J < F > H$

Here, the signs on inequalities between J and F are getting reversed. Conclusion I hence doesn't follow.

For conclusion II:  $J < X$

Combining statements I and III, we get:

$J = L \leq T < X$

Here, the common sign between J and X is '<' and the given conclusion is also  $J < X$ .

Hence, conclusion II follows.

Hence, the correct answer would be 'Only conclusion II follows'.

Hence option A is correct.

27. Ans. C.

Statements:  $D > B = A > T$   $B \geq N > V$   $A \leq Z < X$

Conclusions:  $Z > T$ ,  $N < D$

For conclusion I:  $Z > T$

Combining statements I and III, we get:

$Z \geq A > T$

Here, the common sign between Z and T is '>' and the given conclusion is  $Z > T$ . Hence, conclusion I follows.

For conclusion II:  $N < D$

Combining statements I and II, we get:

$D > B \geq N$

Here, the common sign between D and N is '>' and the given conclusion is  $N < D$ .

Conclusion II follows.

Hence, the correct answer would be 'Both the statements I and II follow'.

Hence option C is correct.

28. Ans. B.

Statements:  $2 > 3 > 4 = 1 < 5$ ,  $9 \leq 7 = 8 < 4 < 0$

Conclusions: I.  $3 > 7$  II.  $9 \leq 1$

Combining equations to find the relationship between 3 and 7, we get

$2 > 3 > 4 > 8 = 7$

Clearly, the common sign of inequalities between 3 and 7 is of '>' and the conclusion given is  $3 > 7$ . C1, hence, follows.

Similarly, for 9 and 1 we get,

$9 \leq 7 = 8 < 4 = 1$

Here, the common sign of inequalities between 9 and 1 is of '<' whereas the conclusion given is  $9 \leq 1$ . C2, hence, doesn't follow.

Hence option B is the correct answer.

29. Ans. C.

Statements:  $C < O \leq G = E \leq P < I$ ,  $J = P < H \leq S \leq V > N$ ,  $A \leq V < B = Z = W > U$

Conclusions: I.  $O < B$  II.  $S > G$

Combining both the equations to find the relationship between O and B, we get

$O \leq G = E \leq P < H \leq S \leq V < B$

Clearly, the common sign of inequalities between O and B is of '<' and the given conclusion is  $O < B$ . C1, hence, follows.

Similarly, for S and G, we get

$S \geq H > P \geq E = G$

Clearly, the common sign between S and G is of '>' and the given conclusion is  $S > G$ . C2, hence, follows as well.

Option C is hence the correct answer.

30. Ans. B.

Statements:  $7 > 5 > 9 = 1 < 3$ ,  $4 \leq 2 = 6 < 9 < 0$

Conclusions: I.  $5 > 2$  II.  $4 \leq 1$   
 Combining equations to find the relationship between 5 and 2, we get  
 $7 > 5 > 9 > 6 = 2$   
 Clearly, the common sign of inequalities between 5 and 2 is of '>' and the conclusion given is  $5 > 2$ . C1, hence, follows.  
 Similarly, for 4 and 1 we get,  
 $4 \leq 2 = 6 < 9 = 1$   
 Here, the common sign of inequalities between 4 and 1 is of '<' whereas the conclusion given is  $4 \leq 1$ . C2, hence, doesn't follow.

Hence option B is the correct answer.

31. Ans. C.

a) R is taller than B, but shorter than A.

→A>R>B.....(i)

b) U is shorter than B but taller than M.

→B>U>M.....(ii)

c) E is taller than R. →E>R.....(iii)

On comparing (i) and (ii), we get

A>R>B>U>M

M is the shortest.

32. Ans. B.

a) R is taller than B, but shorter than A.

→A>R>B.....(i)

b) U is shorter than B but taller than M.

→B>U>M.....(ii)

c) E is taller than R. →E>R.....(iii)

On comparing (i) and (ii), we get

A>R>B>U>M

Either A or E is the tallest.

33. Ans. D.

Let us first write down all the conditions given and then tabulate the data.

**Memory Capacity**

POCO > K9

6T > X10

X10 > Realme

Realme > POCO

Now let us put together all the information we have.

**Memory Capacity**

Highest	6T	X10	Realme	POCO	K9	Lowest
---------	----	-----	--------	------	----	--------

**Price** (Maximum to Minimum)

6T > POCO

Realme > POCO

X10 is the Maximum.

6T > Realme

**Price**

Maximum	X10	6T, Realme, POCO	Minimum
---------	-----	------------------	---------

We do not know where K9 will come in the order of Price but he will definitely be less expansive as X10. but K9 can't be least expansive as it lowest memory.

⇒ But let's assume K9 is 2nd least expansive, then

X10 > 6T > Realme > K9 > POCO (here Realme is 3rd lowest which is same as his rank in Memory capacity)

Hence, this cannot be the case.

⇒ Now let Assume K9 is 3rd lest expansive, then

X10 > 6T > K9 > Realme > POCO (this is possible case)

⇒ Now let assume K9 is 4th least expansive. Then

X10 > K9 > 6T > Realme > POCO (This is also a possible case)

Hence there will be two possible cases.

**Price:**

Maximum	Case – 1	X10	K9	6T	Realme	POCO	Minimum
	Case – 2	X10	6T	K9	Realme	POCO	

**Memory Capacity**

Highest	6T	X10	Realme	POCO	K9	Lowest
---------	----	-----	--------	------	----	--------

By looking at the tables we made above and from the answer choices, we End that Realme, 6T and X10 has higher memory as well as more price than POCO.

34. Ans. A.

Let us first write down all the conditions given and then tabulate the data.

**Memory Capacity**

POCO > K9

6T > X10

X10 > Realme

Realme > POCO

Now let us put together all the information we have.

**Memory Capacity**

Highest	6T	X10	Realme	POCO	K9	Lowest
---------	----	-----	--------	------	----	--------

**Price** (Maximum to Minimum)

6T > POCO

Realme > POCO

X10 is the Maximum.

6T > Realme

**Price**

Maximum	X10	6T	Realme	POCO	Minimum
---------	-----	----	--------	------	---------

We do not know where K9 will come in the order of Price but he will definitely be less expansive as X10. but K9 can't be least expansive as it lowest memory.

⇒ But let's assume K9 is 2nd least expansive, then

X10 > 6T > Realme > K9 > POCO (here Realme is 3rd lowest which is same as his rank in Memory capacity)

Hence, this cannot be the case.

⇒ Now let Assume K9 is 3rd lest expansive, then

X10 > 6T > K9 > Realme > POCO (this is possible case)

⇒ Now let assume K9 is 4th least expansive. Then

X10 > K9 > 6T > Realme > POCO (This is also a possible case)

Hence there will be two possible cases.

**Price:**

Maximum	Case – 1	X10	K9	6T	Realme	POCO	Minimum
	Case – 2	X10	6T	K9	Realme	POCO	

**Memory Capacity**

Highest	6T	X10	Realme	POCO	K9	Lowest
---------	----	-----	--------	------	----	--------

Hence, Mobile POCO has the minimum price. 35. Ans. D.

Let us first write down all the conditions given and then tabulate the data.

**Memory Capacity**

POCO > K9

6T > X10

X10 > Realme

Realme > POCO

Now let us put together all the information

we have.

**Memory Capacity**

Highest	6T	X10	Realme	POCO	K9	Lowest
---------	----	-----	--------	------	----	--------

**Price** (Maximum to Minimum)

6T > POCO

Realme > POCO

X10 is the Maximum.

6T > Realme

**Price**

Maximum	X10	6T	Realme	POCO	Minimum
---------	-----	----	--------	------	---------

We do not know where K9 will come in the order of Price but he will definitely be less expansive as X10. but K9 can't be least expansive as it lowest memory.

⇒ But let's assume K9 is 2nd least expansive, then

X10 > 6T > Realme > K9 > POCO (here Realme is 3rd lowest which is same as his rank in Memory capacity)

Hence, this cannot be the case.

⇒ Now let Assume K9 is 3rd lest expansive, then

X10 > 6T > K9 > Realme > POCO (this is possible case)

⇒ Now let assume K9 is 4th least expansive. Then

X10 > K9 > 6T > Realme > POCO (This is also a possible case)

Hence there will be two possible cases.

**Price:**

Maximum	Case – 1	X10	K9	6T	Realme	POCO	Minimum
	Case – 2	X10	6T	K9	Realme	POCO	

**Memory Capacity**

Highest	6T	X10	Realme	POCO	K9	Lowest
---------	----	-----	--------	------	----	--------

From the table above, we can clearly see that Realme is ranked third in order of Memory.

36. Ans. C.

$$40 \times 0.5 + 5^2 = 45$$

$$45 \times 1 + 10^2 = 145$$

$$145 \times 1.5 + 15^2 = 442.5$$

$$442.5 \times 2 + 20^2 = 1285$$

$$1285 \times 2.5 + 25^2 = 3837.5$$

Hence, option C is correct.  
37. Ans. C.

$$2048 \div 4 + 4 = 516$$

$$516 \times 2 = 1032$$

$$1032 \div 4 + 4 = 262$$

$$262 \times 2 = 524$$

$$524 \div 4 + 4 = 135$$

Hence, option C is correct.  
38. Ans. B.

$$101 - 3^2 = 92$$

$$92 - 4^2 = 76$$

$$76 - 5^2 = 51$$

$$51 - 6^2 = 15$$

$$15 - 7^2 = -34$$

Hence, option B is correct.  
39. Ans. B.

$$520 \div 2 + 8 = 268$$

$$268 \div 2 + 8 = 142$$

$$142 \div 2 + 8 = 79$$

$$79 \div 2 + 8 = 47.5$$

$$47.5 \div 2 + 8 = 31.75$$

Hence, option B is correct.  
40. Ans. A.

$$6^3 - 9 = 207$$

$$7^3 + 10 = 353$$

$$8^3 - 11 = 501$$

$$9^3 + 12 = 741$$

$$10^3 - 13 = 987$$

$$11^3 + 14 = 1345$$

Hence, option A is correct.  
41. Ans. A.

Let 25 years ago, Rahul's age be 'x' and Esha's age = x - 5

A.T.Q,

$$4(x - 5) - 3x = 6$$

$$4x - 20 - 3x = 6$$

$$x = 6 + 20$$

$$x = 26$$

Rahul's age 25 years ago = 26

Esha's age 25 years ago = 26 - 5 = 21

Required age of Rahul = 26 + 25 = 51 years

Required age of Esha = 21 + 25 = 46 years

42. Ans. C.

$$\text{Rate for two years} = 15 + 15 + \frac{15 \times 15}{100} = 32.25\%$$

Let sum be Rs. 'x'

So, ATQ

$$32.25\% \text{ of } x = 3225 \text{ x} = 10000$$

43. Ans. D.

$$\text{Speed of car A} = \frac{312}{6} = 52 \text{ kmph}$$

$$\text{Time taken by car B} = 6 \text{ hr} - 2 = 4 \text{ hr}$$

$$\text{Speed of car B} = \frac{312}{4} = 78 \text{ kmph}$$

Distance covered by car A in 2 hrs

$$= \text{speed} \times \text{time}$$

$$= 52 \times 2 = 104 \text{ km}$$

Distance covered by car B in 2 hrs

$$= \text{speed} \times \text{time}$$

$$= 78 \times 2 = 156 \text{ km}$$

So the required difference is 156 km - 104 km = i. e. 52 km

44. Ans. D.

let the distance be D km

let the time taken by Keshav on going downstream be x,

So the time taken going on upstream be (x + 3),

A.T.Q,

When going downstream,

$$\frac{D}{8 + 4} = x$$

$$D = 12x \text{ ----- ( I )}$$

When going upstream,

$$\frac{D}{8 - 4} = x + 3$$

$$D = 4(x + 3) \text{ ..... (ii)}$$

From eq (i) and (ii), we get,

$$4(x + 3) = 12x$$

$$x + 3 = 3x$$

$$2x = 3$$

$$x = 1.5$$

On putting the value of x in eq (i), we get ,  
D = 18 km

45. Ans. C.

Let the total investment be Rs. X

$$\text{So, Suresh's investment} = \frac{3}{7} X$$

$$\text{Remaining investment} = X - \frac{3}{7} X$$

$$= \frac{4x}{7}$$

Let Mukesh's investment be 'a' and Ramesh's investment be 'b'

$$a + b = \frac{4x}{7}$$

$$b = \frac{4x}{7} - a \text{ ----- (i)}$$

A.T.Q ,

$$\frac{3x}{7} + a = b$$

$$\frac{3x}{7} + a = \frac{4x}{7} - a \text{ ( from (i) )}$$

$$2a = \frac{x}{7}$$

$$2a = \frac{x}{7}$$

$$a = \frac{x}{14} \text{ i.e. Mukesh's investment} = \frac{x}{14}$$

$$\text{Ramesh's investment} = b = X - \frac{3x}{7} - \frac{x}{14}$$

$$= \frac{14x - 6x - x}{14}$$

$$= \frac{7x}{14}$$

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

Investment Ratio = Suresh : Mukesh : Ramesh

$$\frac{3x}{7} : \frac{x}{14} : \frac{x}{2}$$

$$= 6 : 1 : 7$$

$$\text{Mukesh's profit} = \frac{1}{6+1+7} \times \text{total profit}$$

$$1335 = \frac{1}{14} \times \text{total profit}$$

$$\text{Total profit} = 1335 \times 14$$

$$= \text{Rs. } 18690$$

46. Ans. A.

$$= \frac{100}{3 \times 100} \times 63 - 625 + \frac{25}{100} \times 484 + 852 - 16$$

$$\begin{aligned} &= \frac{63}{3} - 625 + \frac{484}{4} + 852 - 16 \\ &= 21 - 625 + 121 + 852 - 16 \\ &= 994 - 641 \\ &= 353 \end{aligned}$$

47. Ans. D.

$$= \frac{512 \times 50}{100} \times \frac{9}{4} + 34689 - \frac{1528}{8} + \sqrt[3]{5832}$$

$$= 64 \times 9 + 34689 - 191 + 18$$

$$= 576 + 34689 - 191 + 18$$

$$= 35283 - 191$$

$$= 35092$$

48. Ans. C.

$$\frac{216 \times 4 \times 4 \times 4 \times 6 \times 6}{2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 9 \times 3 \times 3 \times 3} + \frac{1024}{2 \times 2} - 32 = 2^?$$

$$8 \times 4 + 256 - 32 = 2^?$$

$$256 = 2^?$$

$$2^8 = 2^?$$

$$? = 8$$

49. Ans. D.

$$= \frac{856 \times 25}{100} + \frac{(764 \times 125)}{250} \times 12$$

$$= \frac{856}{4} + 764 \times 6$$

$$= 214 + 4584$$

$$= 4798$$

50. Ans. C.

$$= \frac{66}{100} \times 2500 - \frac{12}{100} \times 2450 \div 0.5 + 45$$

$$= 66 \times 25 - 12 \times 49 + 45$$

$$= 1650 - 588 + 45$$

$$= 1695 - 588$$

$$= 1107$$

51. Ans. D.

Let A, B and C one day work be a, b and c respectively.

According to question:

$$a + b = 1/18$$

$$b + c = 1/16$$

$$6a + 10b + 14c = 1$$

$$6a + 6b + 4b + 4c + 10c = 1$$

$$6(a + b) + 4(b + c) + 10c = 1$$

$$6 \times \frac{1}{18} + 4 \times \frac{1}{16} + 10c = 1$$

$$\frac{1}{3} + \frac{1}{4} + 10c = 1$$

$$c = \frac{1}{24}$$

C alone can complete the work in 24 days.

52. Ans. A.

Ratio of mixture of spirit and water in Container 1 = 2: 3

Amount of mixture taken = 10 litres

Amount of spirit =  $\frac{2}{5} \times 10 = 4$  litres

Amount of water =  $\frac{3}{5} \times 10 = 6$  litres

Ratio of mixture of spirit and water in Container 2 = 3: 2

Amount of mixture taken = x litres

Amount of spirit =  $\frac{3}{5} \times x = \frac{3x}{5}$  litres

Amount of water =  $\frac{2}{5} \times x = \frac{2x}{5}$  litres

Ratio of mixture of spirit and water in resultant mixture = 4: 5

Therefore,  $(4 + \frac{3x}{5}) / (\frac{6}{5} + \frac{2x}{5}) = \frac{4}{5}$

$(\frac{20}{5} + \frac{3x}{5}) / (\frac{30}{5} + \frac{2x}{5}) = \frac{4}{5}$

$(20 + 3x) / (30 + 2x) = \frac{4}{5}$

$100 + 15x = 120 + 8x$

$7x = 20; x = 2.86$  litres

So option (1) is the correct answer.

53. Ans. E.

**According to the question:**

CP/SP = 25/24

500/SP = 25/24

SP =  $500 \times \frac{24}{25}$

**SP = 480**

Discount % =  $[(800 - 480) / 800] \times 100 = [320 / 800] \times 100 = 40\%$

54. Ans. A.

Let the number =  $100x + 10y + z$

The unit digit is 80% of the ten's digit

$\Rightarrow z = y \times \frac{80}{100}$

$\Rightarrow z = \frac{4y}{5}$  ..... (1)

The ten's digit is 25% more than the hundred digit.

$\Rightarrow y = 125\%$  of x

$\Rightarrow y = \frac{5x}{4}$  ..... (2)

The sum of ten's digit and hundred digits is 9

$\Rightarrow x + y = 9$

$\Rightarrow x + \frac{5x}{4} = 9$

$\Rightarrow \frac{9x}{4} = 9$

$\Rightarrow x = 4$

Now,  $y = 5$

And  $z = 4$

Hence, the 3 digit number is 454

55. Ans. D.

Area of a circle =  $\pi r^2$

$5544 = 22 \times r^2 / 7$

$5544 \times 7 / 22 = r^2$

$r^2 = 1764$

$r = 42$  m

Circumference =  $2 \times 22 / 7 \times 42 = 264$  sq. m

Perimeter of the rectangle = 132 sq. m

$132 = 2(l + 10)$

$132 = 2l + 20$

$l = 112 / 2$

$l = 56$

Area of the rectangle =  $56 \times 10 = 560$  sq. m

56. Ans. C.

$= 14 \times 17 - 7 \times 9$

$= 238 - 63$

$= 175$

57. Ans. B.

$$\sqrt{324} * \sqrt{16} \div \sqrt{81} = x - \sqrt{144}$$

$18 \times 4 \div 9 = x - 12$

$8 = x - 12$

$x = 12 + 8$

$x = 20$

58. Ans. C.

$$\frac{(3.01)^3 + (5.07)^3}{(\sqrt{81} + \sqrt{625 - 15})} = \frac{21}{?} \times \frac{\sqrt[3]{512.03}}{2.9}$$

$$\frac{(3+5)(9+25-15)}{(9+25-15)} = \frac{21}{?} \times \frac{8}{3}$$

$$8 = \frac{7 \times 8}{?}$$

$? = 7$

59. Ans. B.

$25.02^2 - 18.09^2 + 26.98^2 - 12.95^2$

The following expression can be written as:

$25^2 - 18^2 + 27^2 - 13^2$

$= 625 - 324 + 729 - 169$

$= 861 \approx 860$

60. Ans. A.

$840.12 \times 14.97 \div 19.99 + 420.05$

The following expression can be written as:

$$840 \times 15 \div 20 + 420$$

$$= 840 \times 0.75 + 420$$

$$= 630 + 420$$

$$= 1050$$

61. Ans. E.

Required Profit =

$$\left( \frac{2500 + 3000 + 2000 + 3500 + 1500}{5} \right)$$

$$\left( \frac{1500 + 1000 + 2500 + 2500 + 2000}{5} \right)$$

$$= 3000/5 = 600 \text{ Crores}$$

62. Ans. D.

$$\text{Required \%} = \frac{2000}{2500} \times 100 = 80\%$$

63. Ans. C.

Required Ratio

$$= \frac{2500 + 3000 + 2000 + 3500 + 1500}{5} : \frac{1500 + 1000 + 2500 + 2500 + 2000}{5}$$

$$= 125000 : 95000 = 25 : 19.$$

64. Ans. B.

$$\text{Required \%} = \frac{3500 - 2500}{2500} \times 100 = 40\%$$

65. Ans. A.

Profit % in 2012-13 =

$$\frac{1000}{1500} \times 100 = 66.7\%$$

Profit % in 2013-14 =

$$\frac{2000}{1000} \times 100 = 200\%$$

Profit % in 2015-16 =

$$\frac{1000}{2500} \times 100 = 40\%$$

66. Ans. C.

The roots of 1<sup>st</sup> equation are →

$$X^2 + 17X + 17X + 289 = 0$$

So, X = -17

And roots for 2<sup>nd</sup> equation are →

$$Y = -14$$

So, C is the right choice

67. Ans. C.

$$821x^2 - 757x^2 = 256$$

$$64X^2 = 256,$$

$$X^2 = 4$$

$$x = 2, -2$$

$$196^{0.5} y^3 - 12y^3 = 16$$

$$14 y^3 - 12y^3 = 16$$

$$y^3 = 8$$

$$Y = 2$$

Therefore,  $x \leq y$

68. Ans. A.

$$16x^2 + 61x + 58 = 0$$

$$(16x + 29)(x + 2) = 0$$

$$x = -2, -1.8$$

$$16y^2 + 34y + 15 = 0$$

$$(8y + 5)(2y + 3) = 0$$

$$Y = -1.5, -0.625$$

Hence,  $x < y$

69. Ans. E.

$$9X^2 - 27X + 8 = 0$$

$$\Rightarrow 9X^2 - 3X - 24X + 8 = 0$$

$$\Rightarrow (3x-1)(3x-8) = 0$$

$$\Rightarrow x = \frac{1}{3}, \frac{8}{3}$$

$$\text{II. } 4Y^2 - 13Y + 3 = 0$$

$$\Rightarrow 4Y^2 - 12Y - Y + 3 = 0$$

$$\Rightarrow (y-3)(4y-1) = 0$$

$$\Rightarrow y = \frac{1}{4}, 3$$

⇒ No relation between X and Y

70. Ans. C.

$$\text{I. } 4X^2 + 24X + 36 = 0$$

$$X^2 + 6X + 9 = 0$$

$$X^2 + 3X + 3x + 9 = 0$$

$$X = -3$$

$$\text{II. } 5Y^2 + 20Y + 20 = 0$$

$$Y^2 + 4Y + 4 = 0$$

$$Y^2 + 4Y + 4y + 4 = 0$$

$$Y = -2$$

So,  $Y > X$



71. Ans. D.

Option A has been mentioned in the first paragraph.

Option B can be inferred from the discussion in the third paragraph which says that too much capital input would be dangerous. Thus, option D is the most appropriate response.

72. Ans. A.

Option B is incorrect because the GDP ratio is more than 200 percent instead of less than 200 percent mentioned in the option.

Option C is incorrect because the combined assets are one-fifth of the GDP instead of one fourth mentioned in the option.

Option A is factually correct and thus, is the correct response.

73. Ans. D.

In the concluding portion of the third paragraph, the author talks about the reasons due to which the PSBs will find it difficult to meet the increased capital demand. Options A and B are mentioned as the reasons for it while C has been mentioned as the consequence of it. So in the context of the question, option D is the most appropriate response as it takes both options A and B in consideration.

74. Ans. E.

It has been mentioned that RBI has used the Basel norm to identify DSBs but the reason for it has not been mentioned for this move. So, option E is the correct response.

75. Ans. D.

It has been mentioned in the opening lines of the third paragraph that there is the divergence between size and nature of operations in the Indian banks, due to which the capital needs of the Indian banks have been fixed at a lower point. Options B and C have been also mentioned in the same passage and thus, option D is the most appropriate choice as it takes all the options in consideration.

76. Ans. C.

Cascading means fall or hang in copious quantities.

Plunging means falling steeply.

Hence, "plunging" is the correct answer.

77. Ans. E.

Stringent means strict or rigid.

Flexible means capable of bending easily without breaking.

Draconian means stringent.

Hence, "flexible" is the correct answer.

78. Ans. A.

Emanate means (of a feeling, quality, or sensation) issue or spread out from (a source)

Emerge means to sprout

Conceal means to hide

Sovereign means possessing supreme or ultimate power.

Placid means not easily upset or excited.

Ruffle means disturb the smoothness or tranquillity of.

Hence, "emerge" is the correct answer.

79. Ans. B.

Hastened means be quick to do something and thus 'slow' is the opposite.

Expedite means to quicken something.

Dash means run or travel somewhere in a great hurry.

Scuttle means run hurriedly or furtively with short quick steps.

Leap means jump or spring a long way, to a great height, or with great force.

Hence, option B is the correct response.

80. Ans. B.

Cognizance means knowledge or awareness.

Restraint means something that hinders or obstructs.

Indifference means lack of interest, concern, or sympathy.

Bucolic means relating to the pleasant aspects of the countryside and country life.

Hence, "awareness" is the correct answer.

81. Ans. D.

Refer to the last question of the series.

82. Ans. C.

Refer to the last question of the series.

83. Ans. E.

Refer to the last question of the series.

84. Ans. A.

Refer to the last question of the series.

85. Ans. B.

The introductory sentence must bring into light the central issue or event.

E is the best introductory statement as it introduces the event which was an expedition by Gandhi Ji to collect the funds for Charkha Singh.

It should be followed by statement D as it states the measures adopted by Gandhi Ji to achieve his objective.

CB and BA are mandatory pairs which makes CBA the next segment.

'After speech' in C indicates that it must follow D as D talks about the speech made by Gandhi Ji.

BA defines the actions of women being talked about in the context.

Hence, the correct sequence is EDCBA.

86. Ans. D.

The error is of preposition is in part (4). Use "in" in the place of "from". Also, we should always use "in" before a year, when we talk about an incident that took place sometime in that particular year. Hence, option D is the correct response.

87. Ans. B.

The error lies in the incorrect usage of the pronoun. "Who" and "that" are two words that can be used when you're describing someone or something in a phrase. When you're describing a person, be sure to use "who". When you're describing an object, use "that." The segment above is not referring to a person, but to a situation.

Hence, option B is the correct answer.

88. Ans. D.

The error is in the fourth part of the sentence. The plural of "axis" is "axes" and since the sentence mentions the number two, "axes" must be written instead of "axis".

89. Ans. B.

The error lies in the incorrect usage of an adverb. The sentence requires an adjective with noun 'exploitation', and here, adverb 'economically' is not a perfect choice as adverbs only modify adjectives, adverbs and verbs. So, an adjective is needed to modify the noun here. 'Economic' is the perfect word to be used here.

Hence, option B is correct.

90. Ans. A.

The error lies in the first part of the sentence.

The correct usage is 'taking an exam' and not 'giving it'. A student takes an exam while a teacher gives an exam.

91. Ans. A.

The first statement tells us that there have been many recent improvements in the design of fireplaces which are very inventive and clever as they have led to better efficiency. Options A, B and D can fit in the first statement, however only A fits both the statements correctly as an 'ingenious' solution is needed for the solution of the duplication of the cube. Hence, option A is the correct response.

92. Ans. A.

In statement A, we see that the international response is something 'good' or 'beneficial', but is unlikely to be successful unless it is fully joined by the US. Similarly, it is a good or healthy change that more intelligent, young men are being recruited by the baseball's front offices. The word 'salutary', which means healthy or beneficial, does justice to both these sentences and is hence, the right choice. Hence, option A is the correct response.

93. Ans. B.

In statement A, **efficiency** is associated with the technological changes (the state of being coherent).

In statement B, **efficiency** is the state of being competent in performance.

Hence, "efficiency" is the correct answer.

94. Ans. C.

In the first statement, two historians are together making an effort to find the lost heritage.

Since it's a joint effort, the word 'concerted' will be appropriate. In the second statement, a planned crackdown on deep-seat corruption is being made. Hence, "concerted" which also means 'planned' or 'coordinated' fits well. Thus, option C is the apt answer.

95. Ans. A.

'Accumulative' refers to a gathering or growing by gradual increases. In both the statements, it

gives the most appropriate sentence as in both the sentence, it makes a contextual sense. Hence, option A is the correct response.

96. Ans. A.

Adverbs add to the meaning of a verb, an adjective, another adverb or a sentence. These four adverbs, like most others, typically end in -ly'. One's first memories linger long after the experience. That could be one reason why one doesn't like to step in again. Haunting experiences, pleasant or unpleasant cannot be forgotten. Thus, the only one adverb that suitably fits the blank is hauntingly.

97. Ans. B.

Other choices humbled, abandoned, existed are syntactically and semantically inappropriate. Moreover, they don't collocate well with currencies and stock markets. 'Tumbled' is the only verb that meaningfully fits the blank. It means to decrease rapidly.

98. Ans. D.

Choice (C) 'invented' goes some way towards filling the blank, but is not fully suitable in

the context. Choices (A) and (B) are not appropriate in terms of the meaning. "evoked" means to produce a particular memory idea, emotion or response to cause it to occur. Sometimes the memories are unpleasant. In this context, the unpleasant memories dating back to 1997-98 are evoked.

99. Ans. A.

The 1997-98 financial storm in South Asia caused not only a crisis but also claimed victims. The crisis devastated economies. A crisis can't develop an economy, nor can it designate nor defuse it. The only appropriate choice is option (A), i.e., "devastated".

100. Ans. C.

Usually crisis don't sustain or energize dictatorships or governments. On the contrary, they cause devastation and other untoward developments. The toppling of the Suharto dictatorship is a telling example. "Toppled" means overbalanced or caused to overbalance and fall.

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