



IBPS RRB Office Assistant Mains MEMORY BASED Question Paper HELD ON 7-10-2018

Directions (1-5): Study the following information carefully and answer the questions given below.

Six friends namely A, B, C, D, E and F are living in six different cities viz. Delhi, Kolkata, Pune, Mumbai, Hyderabad and Chennai. They are all sitting in a circular table facing towards the centre.

Only two people sit between A and the one who live in Kolkata. Only one person sits between A and the one who live in Pune (Either left or right of A). C sits immediate left of the one who live in Pune. Two people sit between C and the one who live in Mumbai. F sits immediate left of the one who live in Mumbai. D lives in Chennai and sits immediate right of B. E and the one who live in Hyderabad are not an immediate neighbor's. B doesn't live in Hyderabad.

1) Who among the following lives in Mumbai?

- a) F
- b) The one who is immediate left of D
- c) A
- d) The one who is Second to the right of D
- e) None of these

2) What is the position of the one who live in Hyderabad with respect to F?

- a) Immediate right
- b) Second to the right
- c) Third to the left
- d) Second to the left
- e) None of these

3) How many person sits between F and the one who live in Chennai when counting from right of F?

- a) One
- b) Two
- c) Three
- d) More than Three
- e) None

4) Which of the following statement is/are correct?

- a) E and A are immediate neighbours
- b) The one who live in Hyderabad sits second to the right of the one who live in Mumbai
- c) C sits second to the right of the one who live in Kolkata
- d) B and C doesn't sits opposite to each other
- e) Both (b) and (d)

5) Who sits to the immediate right of A?

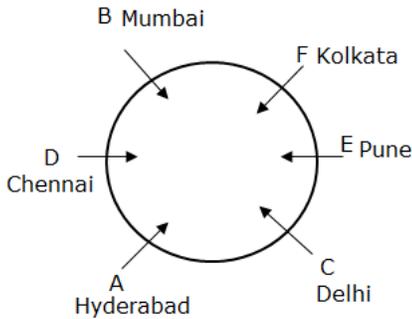
- a) The one who lives in Mumbai
- b) D
- c) The one who lives in Delhi
- d) E
- e) None of these

Directions (1-5):

- 1. Answer: B**
- 2. Answer: C**
- 3. Answer: A**
- 4. Answer: B**
- 5. Answer: C**

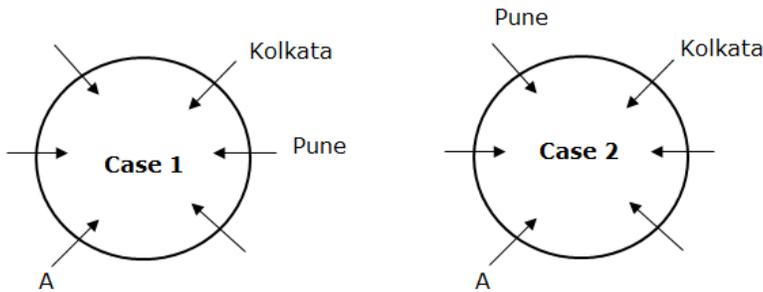


Solution:

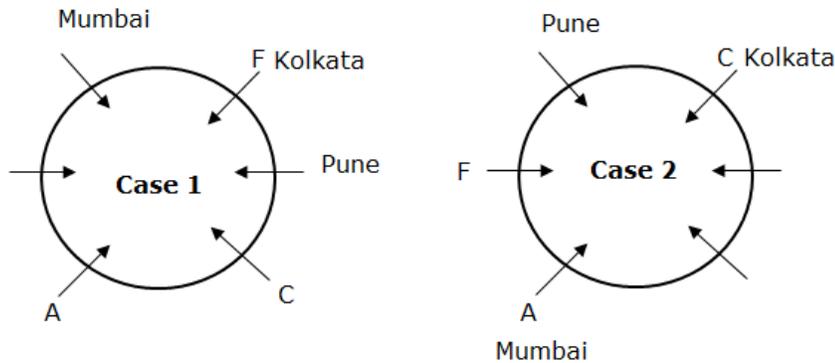


Explanation:

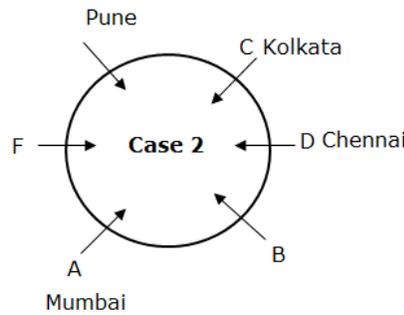
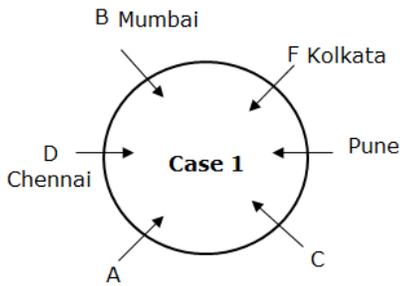
- Only two people sit between A and the one who live in Kolkata.
- Only one person sits between A and the one who live in Pune (Either left or right of A).



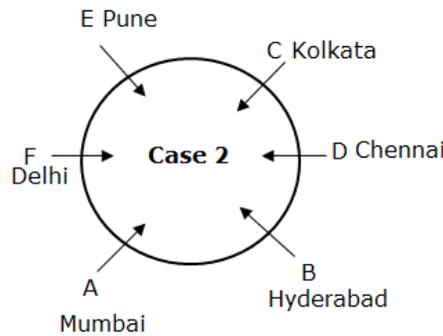
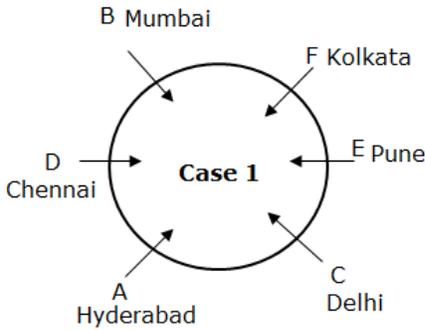
- C sits immediate left of the one who lives in Pune.
- Two people sit between C and the one who live in Mumbai.
- F sits immediate left of the one who live in Mumbai.



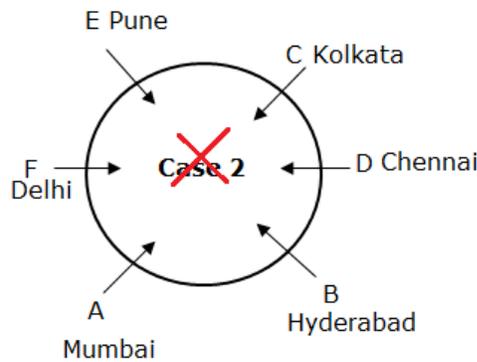
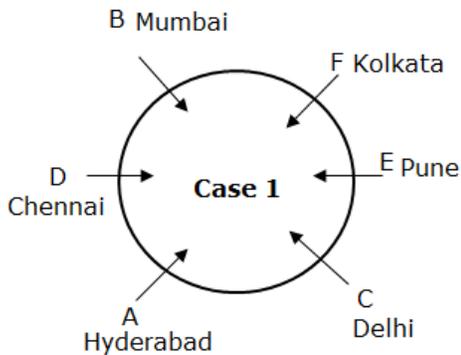
- D lives in Chennai and sits immediate right of B.



- E and the one who live in Hyderabad are not an immediate neighbor's.



- B doesn't live in Hyderabad. So case 2 is eliminated because B lives in Hyderabad.



Directions (6-10): Study the following information carefully and answer the questions given below.

There are six bottles C, D, E, F, G and H which contains Juices in different amount. C contains less amount of Juice than G and F. E and H contain less than C but more than D. H is not the second least amount of Juice. F doesn't have the maximum amount of Juice. The one which has third maximum Juice has 16 liters. The one which contains second least amount of Juice has 9 liters.

6) If $G+E = 27$ liters, and $F + C = 34$ liters, then the total amount of juice in G and F is?

- 38 liters
- 36 liters
- 30 liters
- 25 liters
- None of these

7) Which bottle contains maximum amount of Juice?

- H



- b) E
- c) F
- d) G
- e) None of these

8) If the bottle G contains 80 liters of Juice then the ratio of quantity of C and G is?

- a) 2: 3
- b) 5:1
- c) 1: 5
- d) 4:3
- e) None of these

9) What can be the amount of Juice in bottle H?

- a) 18 liters
- b) 8 liters
- c) 13 liters
- d) 20 liters
- e) None of these

10) Which bottle contains 9 liter of Juice?

- a) E
- b) H
- c) D
- d) C
- e) None of these

Directions (6-10):

6. Answer: B

We know that C contains 16 liters of Juice and E contains 9 liters of Juice.

$G+E=27$ liters, then G has 18 liters of Juice

$F+C=34$ liters, then F has 18 liters of Juice

The total amount of juice in G and F = $18+18=36$ liters

7. Answer: D

8. Answer: C

We know that C contains 16 liters of Juice, then the ratio of C and G is $16:80=1:5$

9. Answer: C

10. Answer: A

Solution:

 G > F > C - 16 > H > E - 9 > D

Explanation:

- C contains less Juice than G and F.

 G/F > G/F > C

- E and H contain less juice than C but more than D.

 G/F > G/F > C > E/H > E/H > D

- H is not the second least container of Juice. So E should be the second least container.

 G/F > G/F > C > H > E > D

- F doesn't have the maximum amount of Juice. So G should have the maximum amount of juice.

 G > F > C > H > E > D



- The one which has third maximum Juice has 16 liters.
___ G ___ > ___ F ___ > ___ C - 16 ___ > ___ H ___ > ___ E ___ > ___ D ___
- The one which contains second least amount of Juice has 9 liters.
___ G ___ > ___ F ___ > ___ C - 16 ___ > ___ H ___ > ___ E - 9 ___ > ___ D ___

Directions (11-15): Study the following information carefully and answer the questions given below.

There are six people namely K, M, N, J, P and T; each likes six different destinations viz. Trissur, Goa, Cuttack, Shimla, Kochi and Gwalior but not necessarily in the same order. Each of them are in different designations viz. General Manager (GM), Deputy General Manager (DGM), Chief Manager (CM), Manager (MG), Officer (OR) and Clerk (CK) such that lower most post is Clerk and the higher most post is General Manager.

Only two people are Junior to the one who likes Kochi. The one who like Trissur is senior to the one who like Kochi. Only two people hold a position between K and the one who like Trissur. As many people senior to the one who likes Cuttack is as same as Junior to K. No one hold a position between N and the one who like Cuttack. The one who like Gwalior is immediate senior of the one who like Cuttack. Two people hold a position between the one who like Cuttack and the one who like Shimla. M is senior to T and P but not the senior most people. T doesn't like Goa.

11) Who among the following likes Shimla?

- J
- The one who is an Officer
- T
- The one who is a Manager
- None of these

12) Which of the following combination is true?

- N, Cuttack
- None of those given as option
- P, CK
- K, MG
- J, Gwalior

13) How many people hold a position between M and the one who like Shimla?

- One
- Two
- Three
- None
- More than three

14) In a certain way J is related to Gwalior, N is related to Cuttack to form a group, in the same way K is related to?

- Shimla
- Cuttack
- None of those given as option
- Trissur
- Goa

15) Who among the following hold the position of DGM?

- J
- None of those given as option
- The one who like Gwalior
- P



e) The one like Kochi

Directions (11-15):

11. Answer: C

12. Answer: D

13. Answer: B

14. Answer: E

15. Answer: C

Solution:

Position	Person	Designation
General Manager(GM)	J	Trissur
Deputy General Manager(DGM)	N	Gwalior
Chief Manager(CM)	M	Cuttack
Manager(MG)	K	Kochi
Officer(OR)	P	Goa
Clerk(CK)	T	Shimla

Explanation:

- Only two people are Junior to the one who likes Kochi.

Position	Person	Designation
General Manager(GM)		
Deputy General Manager(DGM)		
Chief Manager(CM)		
Manager(MG)		Kochi
Officer(OR)		
Clerk(CK)		

- The one who like Trissur is senior to the one who like Kochi. we have three possible cases

Case 1

Case 2

Position	Person	Designation
General Manager(GM)		
Deputy General Manager(DGM)		
Chief Manager(CM)		Trissur
Manager(MG)		Kochi
Officer(OR)		
Clerk(CK)		

Position	Person	Designation
General Manager(GM)		
Deputy General Manager(DGM)		Trissur
Chief Manager(CM)		
Manager(MG)		Kochi
Officer(OR)		
Clerk(CK)		



Case 3

Position	Person	Designation
General Manager(GM)		Trissur
Deputy General Manager(DGM)		
Chief Manager(CM)		
Manager(MG)		Kochi
Officer(OR)		
Clerk(CK)		

- Only two people hold a position between K and the one who like Trissur.

Case 1

Position	Person	Designation
General Manager(GM)		
Deputy General Manager(DGM)		
Chief Manager(CM)		Trissur
Manager(MG)		Kochi
Officer(OR)		
Clerk(CK)	K	

Case 2

Position	Person	Designation
General Manager(GM)		
Deputy General Manager(DGM)		Trissur
Chief Manager(CM)		
Manager(MG)		Kochi
Officer(OR)	K	
Clerk(CK)		

Case 3

Position	Person	Designation
General Manager(GM)		Trissur
Deputy General Manager(DGM)		
Chief Manager(CM)		
Manager(MG)	K	Kochi
Officer(OR)		
Clerk(CK)		

- As many people senior to the one who like Cuttack is as same as Junior to K.



Case 1

Position	Person	Designation
General Manager(GM)		Cuttack
Deputy General Manager(DGM)		
Chief Manager(CM)		Trissur
Manager(MG)		Kochi
Officer(OR)		
Clerk(CK)	K	

Case 2

Position	Person	Designation
General Manager(GM)	X	
Deputy General Manager(DGM)		Trissur
Chief Manager(CM)		
Manager(MG)		Kochi
Officer(OR)	K	
Clerk(CK)		

We cannot fix the position of the one who like Cuttack in this case, so this case is Eliminated.

Case 3

Position	Person	Designation
General Manager(GM)		Trissur
Deputy General Manager(DGM)		
Chief Manager(CM)		Cuttack
Manager(MG)	K	Kochi
Officer(OR)		
Clerk(CK)		

- No one hold a position between N and the one who like Cuttack.

Case 1

Position	Person	Designation
General Manager(GM)		Cuttack
Deputy General Manager(DGM)	N	
Chief Manager(CM)		Trissur
Manager(MG)		Kochi
Officer(OR)		
Clerk(CK)	K	

Case 3

Position	Person	Designation
General Manager(GM)		Trissur
Deputy General Manager(DGM)	N	
Chief Manager(CM)		Cuttack
Manager(MG)	K	Kochi
Officer(OR)		
Clerk(CK)		

- The one who like Gwalior is immediate senior of the one who like Cuttack. From this statement we cannot fix the position of Gwalior in case 1, so case 1 is eliminated.



Case 1

Position	Person	Designation
General Manager(GM)		Cuttack
Deputy General Manager(DGM)	M	
Chief Manager(CM)		Trissur
Manager(MG)		Kochi
Officer(OR)		
Clerk(CK)	K	

we cannot fix the position of Gwalior in this case, so case 1 is eliminated.

Case 3

Position	Person	Designation
General Manager(GM)		Trissur
Deputy General Manager(DGM)	N	Gwalior
Chief Manager(CM)		Cuttack
Manager(MG)	K	Kochi
Officer(OR)		
Clerk(CK)		

- Two people hold a position between the one who like Cuttack and the one who like Shimla.

Case 3

Position	Person	Designation
General Manager(GM)		Trissur
Deputy General Manager(DGM)	N	Gwalior
Chief Manager(CM)		Cuttack
Manager(MG)	K	Kochi
Officer(OR)		
Clerk(CK)		Shimla

- M is senior to T and P but not the senior most people.
- T doesn't like Goa. So the final arrangement is

Position	Person	Designation
General Manager(GM)	J	Trissur
Deputy General Manager(DGM)	N	Gwalior
Chief Manager(CM)	M	Cuttack
Manager(MG)	K	Kochi
Officer(OR)	P	Goa
Clerk(CK)	T	Shimla

Directions (16-20): Study the following information carefully and answer the questions given below.

Eleven Laptops A, B, C, G, H, L, M, N, Q, R and T were bought on different dates but not necessarily in the same order. Two laptops were bought between L and H. T was bought just before H. There were four laptops bought between L and M. M was bought before L. Three laptops were bought between T and G. As many Laptops were bought between R and G is as same as between T and R. A was bought just before Q. Only two laptops were bought after Q. Two laptops were bought between A and B. N was bought before C. C was not bought after T.

16) Which of the following laptop was bought first?



- a) G
- b) C
- c) N
- d) B
- e) None of these

17) How many Laptops were bought between Q and M?

- a) Three
- b) Four
- c) Two
- d) More than Four
- e) None

18) Which of the following statement is correct?

- a) R was bought just after M
- b) A was bought at Last
- c) H was bought just before A
- d) Three laptops were bought between C and M
- e) None of these

19) Four of the five among the following are similar in such a way form a group, which one of the following doesn't, belongs to the group?

- a) NG
- b) AQ
- c) GC
- d) TM
- e) LB

20) Number of laptop bought before M is same as number of laptop bought after which of the following laptops?

- a) R
- b) Q
- c) R
- d) G
- e) H

Directions (16-20):

N	G	C	R	M	T	H	A	Q	L	B
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- 16. Answer: C**
- 17. Answer: A**
- 18. Answer: C**
- 19. Answer: D**
- 20. Answer: E**

Explanation:

The laptop at extreme left end was bought first and the laptop at extreme right end was bought last.

- Two laptops were bought between L and H. we have two possible cases.

Case 1

L			H
---	--	--	---



Case 2

H			L
---	--	--	---

- T was bought just before H.

Case 1

L		T	H
---	--	---	---

Case 2

T	H		L
---	---	--	---

- There were four laptops bought between L and M.
- M was bought before L.

Case 1

M			L	T	H
---	--	--	---	---	---

Case 2

M	T	H		L
---	---	---	--	---

- Three laptops were bought between T and G.

Case 1A

M		G	L	T	H
---	--	---	---	---	---

Case 1B

M		L	T	H	R	G
---	--	--------------	---	---	---	---

Here we get 12 laptops, so this case is eliminated

Case 2

G		M	T	H		L
---	--	---	---	---	--	---

- As many Laptops were bought between R and G is as same as between T and R.

Case 1A

M		G	L	T	H
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We cannot fix the position of R in this case 1 so this case1 is eliminated.

Case 2

G	R	M	T	H		L
---	---	---	---	---	--	---

- A was bought just before Q.



- Only two laptops were bought after Q.
- Two laptops were bought between A and B.
- N was bought before C.
- C was not bought after T.

Case 2

N	G	C	R	M	T	H	A	Q	L	B
---	---	---	---	---	---	---	---	---	---	---

21) If 10 23 52 is written as 5 11 26, and 61 81 47 is written as 30 40 23, then 3616 25 11 is written as?

- a) 1808 13 6
- b) 1808 12 5
- c) 1808 12 6
- d) 1806 12 5
- e) None of these

21. Answer: B

Explanation:

If the number is even number, then it is divided by 2, and if it is odd number then subtract 1 from the number first, then it is divided by 2.

Directions (22-24): Study the following information carefully and answer the questions given below.

B is the daughter of A. A is married to C. D is the brother of A. E is the only son of D. F is the grandmother of E. F has no daughter.

22) How C is related to E?

- a) Uncle
- b) Aunt
- c) Nephew
- d) Son-in law
- e) None of these

23) If G is married to D, then how A is related to G?

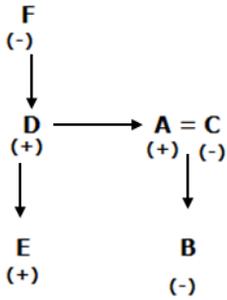
- a) Brother-in law
- b) Brother
- c) Sister in law
- d) Mother in law
- e) None of these

24) How B is related to F?

- a) Grandson
- b) Son
- c) Granddaughter
- d) Grandmother
- e) None of these

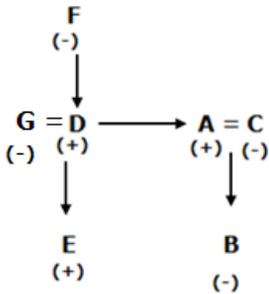
Directions (22-24):

22. Answer: B



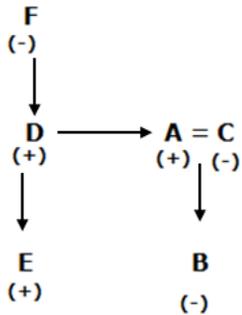
C is the Aunt of E.

23. Answer: A



A is the brother in law of G.

24) Answer: C



B is the granddaughter of F.

Directions (25-27): Study the following information carefully and answer the questions given below.

Anil starts walking 16m from point A towards east direction to reach point B. Now he takes right turn and walk 13m to reach point C. Now he takes left turn and walk 19m to reach point D. Again he takes left turn and walk 20m to reach point E. Now he takes left turn and walk 19m to reach point P. Sam walks 16m from point Q which is exactly north of point A to reach point P.

25) What is the distance between Sam's final position and point B?

- a) 6m
- b) 8m
- c) 10m
- d) 7m
- e) None of these

26) Point P is in which direction with respect to the point D?

- a) North East



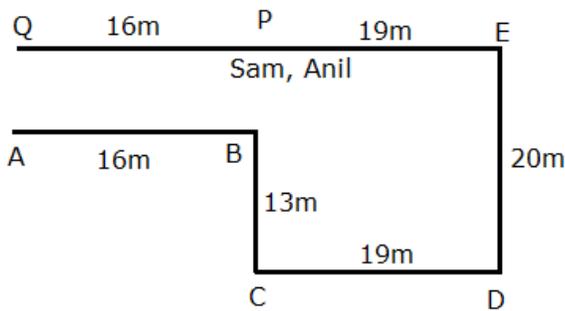
- b) South West
- c) North
- d) None of these
- e) North West

27) What is the total distance between point Q and Point E?

- a) 45m
- b) 35m
- c) 40m
- d) 39m
- e) None of these

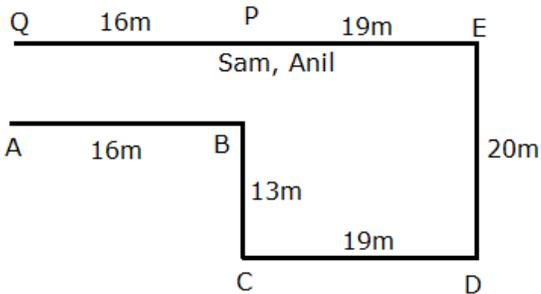
Directions (25-27):

25. Answer: D



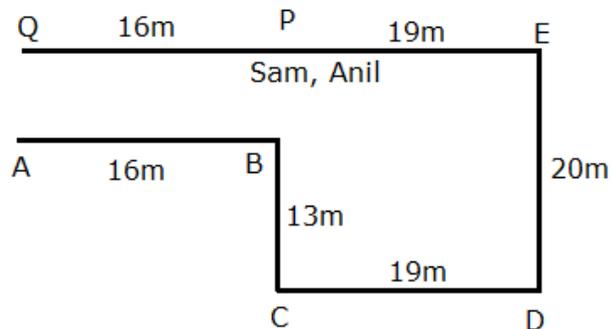
The distance between Sam and point B is 7m

26. Answer: E



Point P is in Northwest direction with respect to the point D

27. Answer: B





The total distance between point Q and Point E is 35m