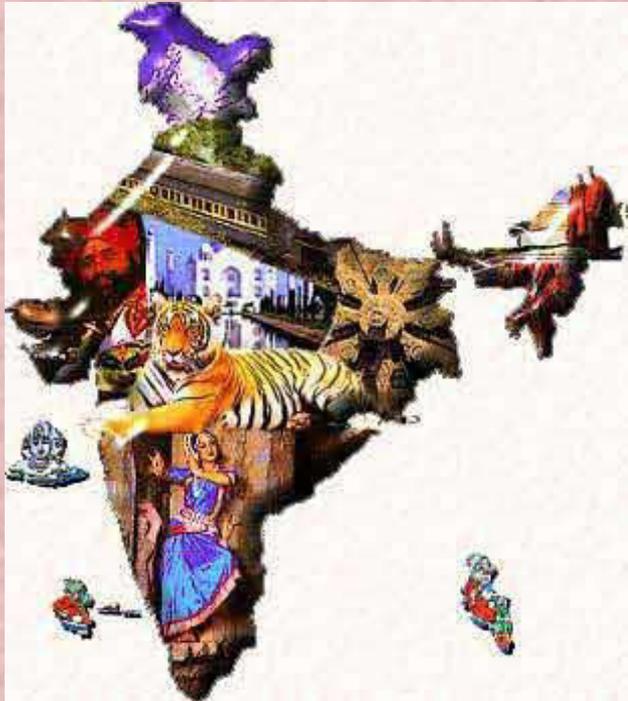# AMK
RESOURCE WORLD

GENERAL MENTAL ABILITY
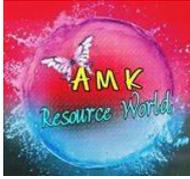
F R E E

Seating Arrangement & Ranking

Book for Various Competitive Exams

(Like KPSC technical Post C, KSRTC, PDO, RRB, SSC, FDAA, SDAA, PSI, PC, CET, etc..)

www.amkresourceinfo.com

Seating Arrangement & Ranking

Four girls are sitting on a bench to be photographed. Shikha is to the left of Reena. Manju is to the right of Reena. Rita is between Reena and Manju. Who would be second from the left in the photograph?

A. Reena   B. Shikha   C. Manju   D. Rita

Answer：   D . Rita

Justification：   Shikha is to the left of Reena and Manjuis to her right. Rita is between Reena and Manju. So, the order is : Shikah, Reena, Rita, Manju. In a photograph, Rita will be second from left.

There are five different houses, A to E, in a row. A is to the right of B and E is to the left of C and right of A. B is to the right of D. Which of the houses is in the middle ?

. A   B. B   C. D   D. E

Answer：   A . A

Justification：   B is to the right of D. A is to the right of B. E is to the right of A and left of C. So, the order is : D, B, A, E, C. Clearly, A is in the middle.

In a March Past, seven persons are standing in a row. Q is standing left to R but right to P. O is standing right to N and left to P. Similarly, S is standing right to R and left to T. Find out who is standing in the middle.

A. P   B. Q   C. R   D. O

Answer：   B . Q

Justification：   Q is left to R and to the right of P i.e. P, Q, R. O is to the right of N and left of P i.e. N, O, P. S is to the right of R and left of T i.e. R, S, T. So the order is : N, O, P, Q, R, S, T. Clearly, Q is in the middle.

Five children are sitting in a row. S is sitting next to P but not T. K is sitting next R who is sitting on the extreme left and T is not sitting next to K. Who are sitting adjacent to S ?

A. K and P   B. R and P   C. Only P   D. P and T   E. Insufficient Information

Answer: D . P and T

Justification: S is sitting next to P. So, the order S, P or P, S is followed. K is sitting next to R. So, the order R, K is followed because R is on the extreme left. T is not next to P or K. So, the arrangement will be R, K, P, S, T. Clearly, P and T are sitting adjacent to S.

Five girls are sitting in a row. Rashi is not adjacent to Sulekha or Abha. Anuradha is not adhacent to Sulekha. Rashi is adjacent to Monika. Monika is at the middle in the row. Then, Anuradha is adjacent to whom out of the following ?

A. Rashi   B. Sulekha   C. Abha   D. Monika   E. Cannot be determined

Answer: A . Rashi

Justification: Clearly, the order is : Anuradha, Rashi, Monika, Sulekha, Abha. Anuradha is adjacent to Rashi

In the Olympic Games, the flags of six nations were flown on the masts in the following way :

The flag of America was to the left of Indian tricolour and to the right of the flag of France.

The flag of Australia was on the right of the Indian flag but was to the left of the flag of Japan,

Which was to the left of the flag of China.

Find the two flags which are in the centre.

A. Indian and Australia   B. Japan and Australia   C. America and India   D. America and Australia

Answer: A . Indian and Australia

Clearly, the correct sequence is :

France, America, India, Australia, Japan, China.

The two flags in the centre are of India are Australia.

Mr. A, Miss B, Mr. C and Miss D are sitting around a table and discussing their trades.

(1) Mr. A sits opposite Mr. C.

(2) Miss B sits right to the barber.

(3) The washerman is on the left of the tailor.

(4) Miss D sits opposite Mr. C.

What are the trades of A and B ?

A. Tailor and Barber   B. Tailor and Cook   C. Barber and Cook   D. Washerman and Cook

Answer: B . Tailor and Cook

Clealry, C and D sit opposite to each other. So, if A sits opposite to cook, B shall be the cook.

Now, B is to the right of barber. So, one of the rest, say C will be barber.

Clealry, then D on the opposite side shall be washerman or tailor. But, washerman is left of tailor and D on the left of A.

So, D is washerman and A is tailor.

Thus, A and B are Tailor and Cook.

Sitting in a row in front of a camera, Mr. X on the left of the person sitting in the centre but is on the right of Mr. Y.

Mr. P is on the right of Mr. Z and Mr. R is on the right of Mr. P. Mr. R is the second person from the person sitting in the centre.

Who is the person sitting in the centre ?

A. Mr. X   B. Mr. Y   C. Mr. Z   D. Mr. R

Answer: C . Mr. Z

Mr. X is on the right of Mr. Y and on the left of person in the centre i.e. Y, X, ---

Mr. P is on the right of Mr. Z and Mr. R is on the right of Mr. P i.e. Z, P, R.

R is second from the person sitting in the centre.

So, the order is Y, X, Z, P, R.

Clearly, Z is sitting in the centre.

1. There are seven books one each on Psychology, Hindi, English, Sociology, Economics, Education and Accountancy, lying on a table one above the other.
2. Sociology is on the top of all the books.
3. Accountancy is immediately below Education which is immediately below Sociology.
4. Economics is immediately above Psychology but not in the middle.
5. Hindi is immediately below Psychology.

Economics is between which of the following books ?

A. Accountancy and Education   B. Psychology and Hindi   C. English and Psychology

D. Psychology and Sociology   E. None of these

Answer: C . English and Psychology

Sociilogy is on top of all books, Education is below Sociology. Accountancy is below Education.

Economics is above Psychology and Psychology is above Hindi.

Economics is not in the middle. So, in the middle lies the seventh book i.e. English.

Thus, the sequence from top to bottom is :

Sociology, Education, Accountancy, English, Economics, Psychology, Hindi.

Economics is between English and Psychology.

1. A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at the ends. R is sitting to the left of A. Who is to the right of P ?

     A.   A   B.   X

     C.   S   D.   Z

Answer: Option B

Explanation:

The seating arrangement is as follows:

```
•     •     •     •     •     •
P     X     S     Z     R     A
```
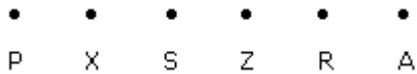
Therefore, right of P is X.

2. There are 8 houses in a line and in each house only one boy lives with the conditions as given below:

   1. Jack is not the neighbour Siman.
   2. Harry is just next to the left of Larry.
   3. There is at least one to the left of Larry.
   4. Paul lives in one of the two houses in the middle.
   5. Mike lives in between Paul and Larry.

If at least one lives to the right of Robert and Harry is not between Taud and Larry, then which one of the following statement is not correct ?

   A.   Robert is not at the left end.

   B.   Robert is in between Simon and Taud.

   C.   Taud is in between Paul and Jack.

   D.   There are three persons to the right of Paul.

Answer: Option C

Explanation:

No answer description available for this question. Let us discuss.

3. A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting ?

   A.   Between B and D   B.   Between B and C

   C.   Between E and D   D.   Between C and E

Answer: Option B

Explanation:

```
•     •     •     •     •
E     B     A     C     D
```
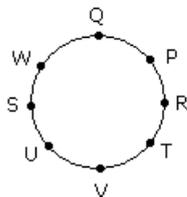
Therefore, A is sitting in between B and C.

P, Q, R, S, T, U, V and W are sitting round the circle and are facing the centre:

1. P is second to the right of T who is the neighbour of R and V.
2. S is not the neighbour of P.
3. V is the neighbour of U.
4. Q is not between S and W. W is not between U and S.

1. Which two of the following are not neighbours ?

    A.   RV   B.   UV

    C.   RP   D.   QW

    Answer: Option A

2. Which one is immediate right to the V ?

    A.   P   B.   U

    C.   R   D.   T

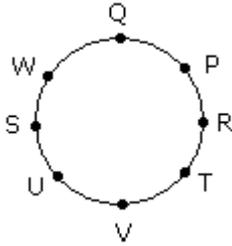   Answer: Option D

    Explanation:
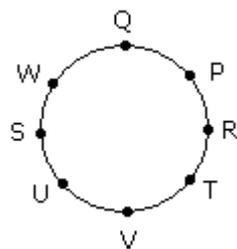
    T is immediate right to the V.

3. Which of the following is correct ?

    A.   P is to the immediate right of Q

    B.   R is between U and V

    C.   Q is to the immediate left of W

    D.   U is between W and S
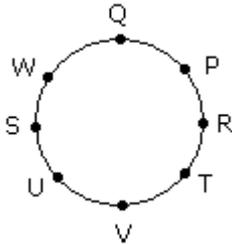
Answer: Option C

Explanation:

4. What is the position of S ?

    A.   Between U and V

    B.   Second to the right of P

    C.   To the immediate right of W

    D.   Data inadequate.

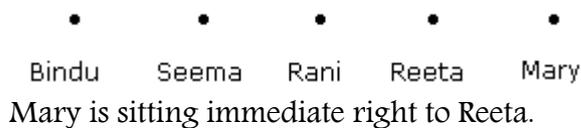Answer: Option C

Explanation:

Five girls are sitting on a bench to be photographed. Seema is to the left of Rani and to the right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary.
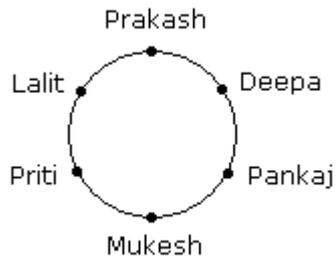
1. Who is sitting immediate right to Reeta ?

    A.   Bindu   B.   Rani

    C.   Mary   D.   Seema
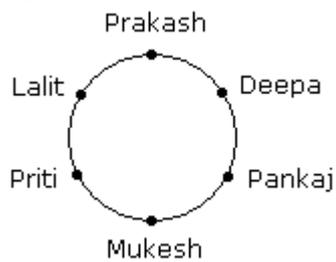
Answer: Option C

Explanation:

Bindu   Seema   Rani   Reeta   Mary

Mary is sitting immediate right to Reeta.

2. Who is in the middle of the photograph ?

    A.   Bindu   B.   Rani

    C.   Reeta   D.   Seema

Answer: Option B

Explanation:

•   •   •   •   •

Bindu   Seema   Rani   Reeta   Mary

Rani is in the middle of the photograph.

3. Who is second from the right ?

    A.   Mary   B.   Rani

    C.   Reeta   D.   Bindu

Answer: Option C

Explanation:

•   •   •   •   •

Bindu   Seema   Rani   Reeta   Mary

Reeta is sitting second from the right.

4. Who is second from the left in photograph ?

    A.   Reeta   B.   Mary

    C.   Bindu   D.   Seema

Answer: Option D

Explanation:

•   •   •   •   •

Bindu   Seema   Rani   Reeta   Mary

Seema is sitting second from the left in photograph.

Six friends are sitting in a circle and are facing the centre of the circle. Deepa is between Prakash and Pankaj. Priti is between Mukesh and Lalit. Prakash and Mukesh are opposite to each other.

1. Who is sitting right to Prakash ?

    A.   Mukesh   B.   Deepa

    C.   Pankaj   D.   Lalit

Answer: Option D

Explanation:

Hence, Lalit is sitting right to Prakash.

2. Who is just right to Pankaj ?

A.	Deepa	B.	Lalit
C.	Prakash	D.	Priti

Answer: Option A

Explanation:

Hence, Deepa is sitting just right to Pankaj.

3. Who are the neighbours of Mukesh ?

A.	Prakash and Deepa	B.	Deepa and Priti
C.	Priti and Pankaj	D.	Lalit and Priti

Answer: Option C

Explanation:
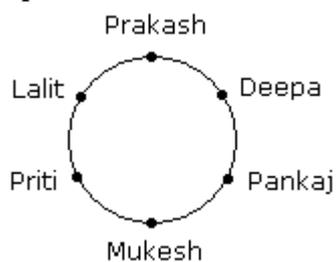
Hence, Priti and Pankaj are the neighbours of Mukesh.

4. Who is sitting opposite to Priti ?

A. Prakash
B. Deepa

C. Pankaj
D. Lalit

Answer: Option B

Explanation:
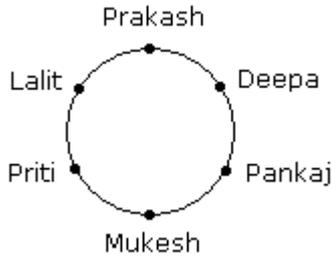
Hence, Deepa is sitting opposite to Priti.

In an Exhibition seven cars of different companies – Cadillac, Ambassador, Fiat, Maruti, Mercedes, Bedford and Fargo are standing facing to east in the following order :
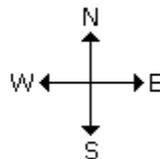
1. Cadillac is next to right of Fargo.
2. Fargo is fourth to the right of Fiat.
3. Maruti car is between Ambassador and Bedford.
4. Fiat which is third to the left of Ambassador, is at one end.

1. Which of the cars are on both the sides of cadillac car ?

A. Ambassador and Maruti

B. Maruti and Fiat

C. Fargo and Mercedes

D. Ambassador and Fargo

Answer: Option C

Explanation:

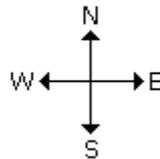Fargo and Mercedes are on both the sides of cadillac car.

2. Which of the following statement is correct ?

    A.   Maruti is next left of Ambassador.

    B.   Bedford is next left of Fiat.

    C.   Bedford is at one end.

    D.   Fiat is next second to the right of Maruti.

Answer: Option A

Explanation:

```
•——→ Fiat
•——→ Bedford
•——→ Maruti                    N
•——→ Ambassador          W ←—┼—→ E
•——→ Fargo                     S
•——→ Cadillac
•——→ Mercedes
```

Therefore, Maruti is next left of Ambassador.

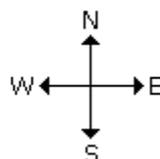3. Which one of the following statements is correct ?

    A.   Fargo car is in between Ambassador and Fiat.

    B.   Cadillac is next left to Mercedes car.

    C.   Fargo is next right of Cadillac.

    D.   Maruti is fourth right of Mercedes.

Answer: Option B

Explanation:

```
•——→ Fiat
•——→ Bedford
•——→ Maruti                    N
•——→ Ambassador          W ←—┼—→ E
•——→ Fargo                     S
•——→ Cadillac
•——→ Mercedes
```
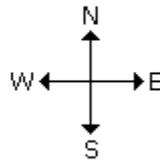
Therefore, Cadillac is next left to Mercedes car.

4. Which of the following groups of cars is to the right of Ambassador ?

    A.   Cadillac, Fargo and Maruti

    B.   Mercedes, Cadillac and Fargo

    C.   Maruti, Bedford and Fiat

    D.   Bedford, Cadillac and Fargo

Answer: Option B

•———▸ Fiat

•———▸ Bedford

•———▸ Maruti

•———▸ Ambassador

•———▸ Fargo

•———▸ Cadillac

•———▸ Mercedes

N
W ◂——┼——▸ E
S

Mercedes, Cadillac and Fargo cars are to the right of Ambassador.
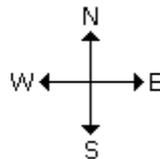
5. Which one of the following is the correct position of Mercedes ?

    A.   Next to the left of Cadillac

    B.   Next to the left of Bedford

    C.   Between Bedford and Fargo

    D.   Fourth to the right of Maruti.

Answer: Option D

Explanation:

•———▸ Fiat

•———▸ Bedford

•———▸ Maruti

•———▸ Ambassador

•———▸ Fargo

•———▸ Cadillac

•———▸ Mercedes

N
W ◂——┼——▸ E
S

The correct position of Mercedes is fourth to the right of Maruti.

Six friends P, Q, R, S, T and U are sitting around the hexagonal table each at one corner and are facing the centre of the hexagonal. P is second to the left of U. Q is neighbour of R and S. T is second to the left of S.
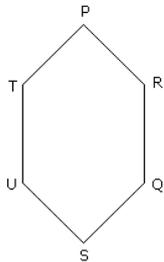
1. Which one is sitting opposite to P ?

   A.   R   B.   Q

   C.   T   D.   S

   Answer & Explanation

   Answer: Option D

   Explanation:

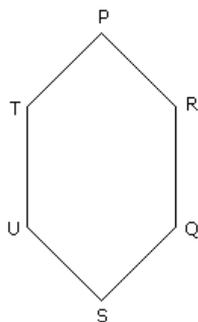
   S is sitting opposite to P.

2. Who is the fourth person to the left of Q ?

   A.   P   B.   U

   C.   R   D.   Data inadequate

   Answer: Option A

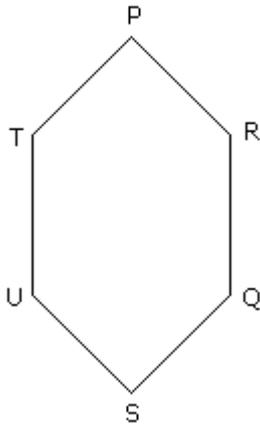   Explanation:

   P is the fourth person to the left of Q.

3. Which of the following are the neighbours of P ?

   A.   U and P   B.   T and R

   C.   U and R   D.   Data inadequate

   Answer & Explanation

Answer: Option B

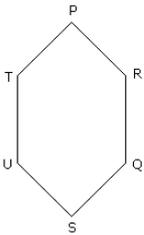Explanation:

T and R are the neighbours of P.

4. Which one is sitting opposite to T ?

   A.   R
                      B.   Q

   C.   Cannot be determined
          D.   S

Answer: Option B

Q is sitting opposite to T.

Five boys took part in a race.

Raj finished before Mohit but behind Gaurav. Ashish finished before Sanchit but behind Mohit.

Who won the race ?

A. Raj   B. Gaurav   C. Mohit   D. Ashish

Answer: B . Gaurav

Raj finished before Mohit but behind Gaurav. So, the order is Gaurav, Raj, Mohit.

Ashish finished before Sanchit but behind Mohit. So, the order is Mohit, Ashish, Sanchit.

Thus, the full order is : Gaurav, Raj, Mohit, Ashish, Sanchit.

Clearly, Gaurav won the race.

Five men A, B, C, D and E read a newspaper.

The one who reads first gives it to C. The one who reads last had taken from A. E was not the first or last to read. There were two readers between B and A.

Who read the newspaper last ?

A. A   B. B   C. C   D. D   E. None of these

Answer：   D . D

C is the second reader. A is the second last reader.

E is not the first or last to read. So, E is the third trader. There were two readers between B and A.

So, D read the newspaper last.

Seven executives P, Q, R, S, T, U andW reach office in a particular sequence.

U reaches immediately before P but does not immediately follow S. R is the last one to reach office. T follows immediately after P and is subsequently followed by W.

Among the executives, who reaches the office first ?

A. Q   B. S   C. U   D. Can't be determined   E. None of these

Answer：   B . S

Clearly, U is followed by P； P by T； T by W.

Now, U does not immediately follow S and R reaches last.

So, the order of reaching office is：S, Q, U, P, T, W, R.

S is the first to reach office.

NUMBER RANKING

Which is the third number to the left of the number which is exactly in the middle of the following sequence of numbers ?

1 2 3 4 5 6 7 8 9 2 4 6 8 9 7 5 3 1 9 8 7 6 5 4 3 2 1

Options：

A. 3   B. 4   C. 5   D. 6   E. 7

Answer：   B . 4

There are 27 numbers in the given sequence.

So, middle number = 14th number = 9.

Clearly, the third number to the left of this 9 is 4.

How many 3's are there in the following sequence which are neither preceded by 6 nor immediately followed by 9 ?

9 3 6 6 3 9 5 9 3 7 8 9 1 6 3 9 6 3 9

Options:

A. One   B. Two   C. Three   D. Four   E. None of these

Answer: B . Two

Justification:

9 3 6 6 3 9 5 9 3 7 8 9 1 6 3 9 6 3 9

Count each 7 which is not immediately preceded by 5 but is immediately followed by either 2 or 3.

How many such 7's are there ?

5 7 2 6 5 7 3 8 3 7 3 2 5 7 2 7 3 4 8 2 6 7 8

Options:

A. 2   B. 3   C. 4   D. 5

Answer: A . 2

Justification:

5 7 2 6 5 7 3 8 3 7 3 2 5 7 2 7 3 4 8 2 6 7 8

How many 6's are there in the following series of numbers which are preceded by 7 but not immediately followed by 9 ?

6 7 9 5 6 9 7 6 8 7 6 7 8 6 9 4 6 7 7 6 9 5 7 6 3

Options:

A. One   B. Two   C. Three   D. Four

Answer: C . Three

Justification:

6 7 9 5 6 9 7 6 8 7 6 7 8 6 9 4 6 7 7 6 9 5 7 6 3

How many 7's are there in the following series which are not immediately followed by 3 but immediately preceded by 8 ?

8 9 8 7 6 2 2 6 3 2 6 9 7 3 2 8 7 2 7 7 8 7 3 7 7 9 4

Options:

A. 10   B. 3   C. 2   D. 0   E. None of these

Answer: C . 2

Justification:

8 9 8 7 6 2 2 6 3 2 6 9 7 3 2 8 7 2 7 7 8 7 7 7 9 4

Count each 1 in the following sequence of numbers that is immediately followed by 2, if 2 is not immediately followed by 3. How many such 1's are there ?

1 2 1 3 4 5 1 2 3 5 2 1 2 6 1 4 5 1 1 2 4 1 2 3 2 1 7 5 2 1 2 5

Options:

A. 2   B. 4   C. 5   D. 7   E. 9

Answer: B . 4

Justification:

<u>1</u> 2 1 3 4 5 1 2 3 5 2 <u>1</u> 2 6 1 4 5 1 <u>1</u> 2 4 1 2 3 2 1 7 5 2 <u>1</u> 2 5

How many 7's are there in the following series which are preceded by 6 which is not preceded by 8 ?

8 7 6 7 8 6 7 5 6 7 9 7 6 1 6 7 7 6 8 8 6 9 7 6 8 7

Options:

A. Nil   B. One   C. Two   D. Three   E. None of these

Answer: D . Three

Justification:

8 7 6 <u>7</u> 8 6 7 5 6 <u>7</u> 9 7 6 1 6 <u>7</u> 7 6 8 8 6 9 7 6 8 7

In the following list of numerals, how many 2's are followed by 1's but not preceded by 4 ?

4 2 1 2 1 4 2 1 1 2 4 4 4 1 2 2 1 2 1 4 4 2 1 4 2 1 2 1 2 4 1 4 2 1 2 4 1 4 6

Options:

A. Two   B. Three   C. Four   D. Five

Answer: C . Four

Justification:

4 2 1 <u>2</u> 1 4 2 1 1 2 4 4 4 1 <u>2</u> 2 1 <u>2</u> 1 4 4 2 1 4 2 1 <u>2</u> 1 2 4 1 4 2 1 2 4 1 4 6

How many 7's are there in the following sequence which are precedede by 9 and followed by 6 ?

7 8 9 7 6 5 3 4 2 8 9 7 2 4 5 9 2 9 7 6 4 7

Options:

A. 2   B. 3   C. 4   D. 5   E. None of these

Answer: A . 2

Justification:

7 8 9 <u>7</u> 6 5 3 4 2 8 9 7 2 4 5 9 2 9 <u>7</u> 6 4 7

In the series : 7 8 9 7 6 5 3 4 2 8 9 7 2 4 5 9 2 9 7 6 4 7

Which figures have equal frequence ?

Options:

A. 253   B. 245   C. 375   D. 865   E. None of these

Answer: D . 865

Justification:

In the given series, 2 occurs 3 times; 3 occurs once; 4 occurs 3 times; 5 occurs 2 times; 6 occurs 2 times; 7 occurs 5 times; 8 occurs 2 times and 9 occurs 4 times.

Clearly, the frequency of 5, 6 and 8 is the same i.e. 2.

How many 6's are there in the following number sequence which are immediately preceded by 9 but not immediately followed by 4 ?

5 6 4 3 2 9 6 3 1 6 4 9 6 4 2 1 5 9 6 7 2 1 4 7 4 9 6 4 2

Options:

A. One   B. Two   C. Three   D. Four   E. More than four

Answer: B . Two

Justification:

5 6 4 3 2 9 6 3 1 6 4 9 6 4 2 1 5 9 6 7 2 1 4 7 4 9 6 4 2

In the following series of numbers, find out how many times, 1, 3 and 7 have appeared together, 7 being in the middle and 1 and 3 on either side of 7 ?

2 9 7 3 1 7 3 7 7 1 3 3 1 7 3 8 5 7 1 3 7 7 1 7 3 9 0 6

Options:

A. 3   B. 4   C. 5   D. More than 5   E. None of these

Answer: A . 3

Justification:

2 9 7 3 1 7 3 7 7 1 3 3 1 7 3 8 5 7 1 3 7 7 1 7 3 9 0 6

6 4 1 2 2 8 7 4 2 1 5 3 8 6 2 1 7 1 4 1 3 2 8 6

How many pairs of alternate numbers have a difference of 2 ?

Options:

A. One   B. Two   C. Three   D. Four

Answer: B . Two

Justification:

We proceed by checking the difference between pairs of alternate numbers i.e., (6,1), (4,2), (1,2), (2,8), (2,7), (8,4), (7,2) (4,1), (2,5), (1,3), (5,8), (3,6), (8,2), (6,1), (2,7), (1,1), (7,4),

(1,1), (4,3), (1,2), (3,8), and (2, 6). Of these, the pairs with a difference of 2 are (4,2) and (1,3). Clearly, there are two such pairs.

How many even numbers are there in the following sequence of numbers whiich are immediately followedby an odd number as well as immediately preceded by an even number ?

8 6 7 6 8 9 3 2 7 5 3 4 2 2 3 5 5 2 2 8 1 1 9

Options:

A. One   B. Three   C. Five   D. Six   E. None of these

Answer: E . None of these

Justification:

8 6 7 6 8 9 3 2 7 5 3 4 2 2 3 5 5 2 2 8 1 1 9

Series : 5 1 4 7 3 9 8 5 7 2 6 3 1 5 8 6 3 8 5 2 2 4 3 4 9 6

How many odd numbers are there in the sequence which are immediately followed by an odd number ?

Options:

A. 1   B. 2   C. 3   D. 4   E. More than 4

Answer: E . More than 4

Justification:

5 1 4 7 3 9 8 5 7 2 6 3 1 5 8 6 3 8 5 2 2 4 3 4 9 6

NUMBER RANKING SEQUENCE 1

In a row of trees, one tree is fifth from either end of the row. How many trees are there in the row ?

A. 8   B. 9   C. 10   D. 11

Answer: B . 9

Justification: Clearly, number of trees in the row = (4 + 1 + 4) = 9.

In a queue, Amrita is 10th from the front while Mukul is 25th from behind and Mamta is just in the middle of the two. If there be 50 persons in the queue. What position does Mamta occupy from the front ?

A. 20th   B. 19th   C. 18th   D. 17th

Answer: C . 18th

Justification: Number of persons between Amrita and Mukul = 50 – (10 + 25) = 15. Since Mamta lies in middle of these 15 persons, so Mamta`s position is 8th from Amrita i.e. 18th from the front.

Raman ranks sixteenth from the top and forty ninth from the bottom in a class. How many students are there in the class ?

A. 64   B. 65   C. 66   D. Cannot be determined   E. None of these

Answer: A . 64

Justification: Clearly, number of students in the class = (15 + 1 + 48) = 64

Sanjeev ranks seventh from the top and twenty eight from the bottom in a class. How many students are there in the class ?

A. 37   B. 36   C. 35   D. 34

Answer: D . 34

Justification: Clearly, number of students in the class = (6 + 1 + 27) = 34.

If Atul finds that he is twelfth from the right in a line of boys and fourth from the left, how many boys should be added to the line such that there are 28 boys in the line ?

A. 12   B. 13   C. 14   D. 20   E. None of these

Answer: B . 13

Justification: Clearly, number of boys in the line = (11 + 1 + 3) = 15. .'. Number of boys to be added = 28 – 15 = 13.

Manisha ranked sixteenth from the top and twenty ninth from the bottom among those who passed an examination. Six boys did not participate in the competition and five failed in it. How many boys were there in the class ?

A. 40   B. 44   C. 50   D. 55   E. 58

Answer: D . 55

Justification: Number of boys who passed = (15 + 1 + 28) = 44. .'. Total number of boys in the class = 44 + 6 + 5 = 55.

Some boys are sitting in a row. P is sitting fourteenth from the left and Q is seventh from the right. If there are four boys between P and Q, how many boys are there in the row ?

A. 25   B. 23   C. 21   D. 19   E. None of these

Answer: A . 25

Justification: Number of boys in the row = number of boys uptil P + number of boys between P and Q + number of boys including Q and those behind Q = 14 + 4 + 7 = 25.

Aruna ranks twelfth in a class of forty-six. What will be her rank from the last?

A. 33   B. 34   C. 35   D. 37   E. None of these

Answer: C . 35

Justification:

Number of students behind Aruna in rank = (46 – 12) = 34. So, Arun is 35th from the las

Manoj and Sachin are ranked seventh and eleventh respectively from the top in a class of 31 students. What will be their respective ranks from the bottom in the class ?

A. 20th and 24th   B. 24th and 20th   C. 25th and 21st   D. 26th and 22nd
    E. None of these

Answer: C . 25th and 21st

Justification: Number of students behind Manoj in rank = (31 – 7) = 24. So, Manoj is 25th from the bottom. Number of students behind Sachin in rank = (31 – 11) = 20. So, Sachin is 21st from the botto

Ravi is 7 ranks ahead of Sumit in a class of 39. If Sumit`s rank is seventeenth from the last, what is Ravi`s rank from the start ?

A. 14th   B. 15th   C. 16th   D. 17th

Answer: C . 16th

Justification: Sumit is 17th from the last and Ravi is 7 ranks ahead of Sumit. So, Ravi is 24th from the last. Number of students ahead of Ravi in rank = (39 – 24) = 15. So, Ravi is 16th from the start

In a class of 60, where girls are twice that of boys, Kamal ranked seventeenth from the top. if there are 9 girls ahead of Kamal, how many boys are after him in rank ?

A. 3   B. 7   C. 12   D. 23   E. 32

Answer: C . 12

Justification:

Let the number of boys be x. Then, numbers of girls = 2x.

∴ x + 2x = 60 or 3x = 60 or x = 20.

So, number of boys = 20 and numbers of girls = 40.

Number of students behind Kamal in rank = (60 – 17) = 43.

Number of girls ahead of Kamal in rank = 9.

Number of girls behind Kamal in rank = 40 – 9 = 31.

∴ Number of boys behind Kamal in rank = 43 – 31 = 12.

In a row of ten boys, when Rohit was shifted by two places towards the left, he became seventh from the left end. What was his earlier position from the right end of the row ?

A. First   B. Second   C. Fourth   D. Sixth

Answer: B . Second

Justification:

Number of boys in the row = 10.

Rohit's new position is 7th from the left or 4th from the right.

His earlier position was two places to the right of his new position i.e., his earlier position was second from the right.

In a queue, Vijay is fourteenth from the front and Jack is seventeeth from the end, while Mary is in between Vijay and Jack. If Vijay be ahead of Jack and there be 48 persons in the queue, how many persons ar there between Vijay and Marry ?

A. 8   B. 7   C. 6   D. 5   E. None of these

Answer: A . 8

Justification:

Number of persons between Vijay and Jack = 48 – (14 + 17) = 17.

Now, Mary lies in middle of these 17 persons i.e., at the eighth position.

So, number of persons between Vijay and Mary = 7.

In a row of girls, Rita and Monika occupy the ninth places from the right end and tenth place from the left end, respectively. If they interchange their places, Rita and Monika occupy seventeenth places from the right and eighteenth place from the left, respectively. How many girls are there in the row ?

A. 25   B. 26   C. 27   D. Data inadequate   E. None of these

Answer: B . 26

Justification:

Since Rita and Monika exchange places, so Rita's new position in the same as Monika's earlier position.

The position is 17th from the right and 10th from the left.

∴ Number of girls in the row = (16 + 1 + 9) = 26.

In a row of girls, Shilpa is eighth from the left and Reena is seventeenth from the right. If they interchange their positions, Shilpa becomes fourteenth from the left. How many girls are there in the row ?

 A. 25   B. 27   C. 29   D. 32   E. None of these

Answer: E . None of these

Justification:

Since Shilpa and Reena interchange position, so Shilpa's new position is the same as Reena's earlier position.

This position is 14th from the left (Shilpa's new position) and 17th from the right (Reena's earlier position).

.'. Number of girls in the row = (13 + 1 + 16) = 30.

NUMBER RANKING SEQUENCE 2

Kailash remembers that his brother Deepak`s birthday falls after 20th May but before 28th May, while Geeta remembers that Deepak`s birthday falls before 22nd May but after 12th May. On what date Deepak`s birthday falls ?

A. 20th May   B. 21st May   C. 22nd May   D. Cannot be determined   E. None of these

Answer: B . 21st may

Justification: According to Kailash, Deepak`s birthday falls on onev of the day among 21st, 22nd, 23rd, 24th, 25th, 26th, and 27th May. According to Geeta, Deepak`s birthday falls on one of the days among 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, and 21st May. The day common to both the groups is 21st May. .'. Deepak`s birthday falls in 21st May.

Sangeeta remembers that her father`s birthday was certainly after eighth but before thirteenth of December. Her sister Natasha remembers that their father`s birthday was definitely after ninth but before fourteenth of December. On which date of December was their father`s birthday ?

A. 10th   B. 11th   C. 12th   D. Data inadequate   E. None of these

Answer: D . Data inadequate

Justification: According to Sanbgeeta, the father`s birthday falls on one of the days among 9th, 10th, 11th and 12th December. According to Natasha, the father`s birthday falls on one of the day among 10th, 11th, 12th and 13th December. The days common to both the groups are 10th, 11th and 12th December. So, the father`s birthday falls on any one of these days.

Standing on a platform, Amit told Sunita that Aligarh was more than ten kilometers but less than fifteen kilometers from there. Sunita knew that it was more than twelve but less then fourteen kilometers from there. If both of them were correct, which of the following could be the distance of Aligarh from the platform ?

A. 11 km   B. 12 km   C. 13 km   D. 14 km   E. 15km

Answer: C . 13 km

Justification: Clearly, according to Sunita, the distance was more than 12 kms but less than 14 kms, which is 13kms.

Ashish leaves his house at 20 minutes to seven in the morning, reaches Kunal`s house in 25 minutes, they finish their breakfast in another 15 minute and leave for their office which takes another 35 minutes, At what time do they leave Kunal`s houses to reach their office ?

A. 7.40 a.m.   B. 7.20 a.m.   C. 7.45 a.m.   D. 8.15 a.m.   E. 7.55 a.m.

Answer: B . 7.20 a.m.

Justification: Ashish leaves his house at 6.40 a.m. He reaches Kunal`s in 25 minutes i.e. 7.05 a.m. Both leave for office 15 minutes after 7.05 a.m. i.e. at 7.20 a.m

Ajay left home for the bus stop 15 minutes earlier than usual. It takes 10 minutes to reach the stop. He reached the stop at 8.40 a.m. What time does he usually leave home for the bus stop ?

A. 8.30 a.m.   B. 8.45 p.m.   C. 8.55 a.m.   D. Data inadequate   E. None of these

Answer: E . None of these

Justification: Clearly, Ajay left home 10 minutes before 8.40 a.m. i.e., at 8.30 a.m. But it was 15 minutes earlier than usual. So, he usually left for the stop at 8.45 a.m.

Reaching the place of meeting on Tuesday 15 minutes before 08.30 hours, Anuj found himself half an hour earlier than the man who was 40 minutes late. What was the scheduled time of the meeting ?

A. 8.00 hrs   B. 8.05 hrs   C. 8.15 hrs   D. 8.45 hrs

Answer: B . 8.05 hrs

Justification: Anuj reached the place at 0815 hours. clearly, the man who was 40 minutes late would reach the place at 8.45 a.m. So, the scheduled time of meeting was at 08.05 hours.

The priest told the devotee, "The temple bell is rung at regular intervals of 45 minutes. The last bell was rung five minutes ago. The next bell is due to be rung at 7.45 a.m." At what time did the priest give this information to the devotee ?

A. 7.40 a.m.   B. 7.05 a.m.   C. 7.00 a.m.   D. 6.55 a.m.   E. None of these

Answer: B . 7.05 a.m.

Justification: Clearly, the last bell rung 45 minutes before 7.45 a.m. i.e. at 7.00 a.m. But it happened five minutes before gave the information to the devotee. So, the information was given at 7.05 a.m.

The train for Lucknow leaves every two and a half hours from New Delhi Railway Station. An announcement was made at the station that the train for Lucknow had left 40 minutes ago and the next train will leave at 18.00 hrs. At what time was the announcement made ?

A. 15.30 hrs   B. 17.10 hrs   C. 16.00 hrs   D. 15.50 hrs   E. None of these

Answer: E . None of these

Justification: Clearly, the last train left two and a half hours before 18.00 hours i.e. at 15.30 hours. But this happened 40 minutes before the announcement was made. So, the announcement was made at 16.10 hours.
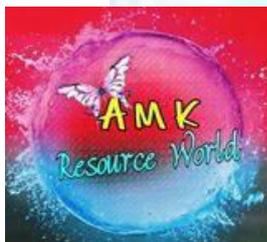
Important Links in our Website

A M K – Free E Resources

http://amkresourceinfo.com/free-e-resources/

Daily Newspapers : http://amkresourceinfo.com/daily-newspapers/

Job Notifications : http://amkresourceinfo.com/job-notifications/

E Books : http://amkresourceinfo.com/e-books-2/

E Magazines : http://amkresourceinfo.com/e-magazines-2/

Online Buy Books : http://amkresourceinfo.com/online-buy-books/

RRB – Group D : http://amkresourceinfo.com/rrb-group-d/

And many more...

Keep visiting for more updates

"Your Success, Our Motto"