Practice Questions Puzzles(25)

AMCAT

Mallika, Maneni, Pallavi, Nikita and Suhana are seated in a conference hall facing the stage which is in the North. They are all scattered in such a manner that they do not occupy adjacent seats. The seating arrangement is as given below:

1. Maneni is seated 10 seats away, to the right of Suhana.

2. Pallavi is seated 20 seats away, to the left of Nikita.

3. Mallika is seated 30 seats in front of Suhana.

4. Nikita is seated 15 seats to the right of Suhana.

Who amongst the following is seated to the left of Suhana?

a. Maneni

b. Mallika

c. Nikita

d. **Pallavi**

Ans

Mallika

30

Pallavi 5 Suhana 10 Maneni 15 Nikita

If Mallika turns back to see her friends, in which direction does she find Nikita to be?

a. South

b. East

c. West

d. South-West

e. **South-East**

In which direction and how many seats away from Pallavi is Suhana sitting?

a. **5 seats, East**

b. 15 seats, West

c. 5 seats, West

d. 15 seats, East

Who amongst the following are not seated in a linear pattern?

a. Pallavi, Suhana, Maneni

b. **Mallika, Suhana, Maneni**

c. Pallavi, Suhana, Nikita

d. Pallavi, Maneni, Nikita

Ans

As per the 3rd condition Mallika is seated 30 seats infront of Suhana means she is not seated in the same row in which suhana and others are seated.
therefore check which answer option contains Mallika. Answer is **B**.

Five friends A, B, C, D and E are sitting in a straight line on chairs and facing opposite directions alternately. Consider the given conditions and determine the direction in which C is facing and the position at which he is sitting if counted from the right side?

Conditions:

1. E sits in the middle seat. First person from left faces the North.

2. A and D never sit adjacent to each other.

3. C sits on the right side of E.

a. North, 4

b. South, 1

c. North, 5

d. **South, 2**

Ans

E C

N S N S N Since North 1 is not in option so South 2 is the Answer

There are three boxes in a table. One of the box contains Gold and the other two are empty. A printed message contains in each box. One of the message is true and the other two are false.
The first box says 'The Gold is not here'.
The Second box says 'The Gold is not here'.
The Third box says 'The Gold is in the Second box'.

Which box has the Gold? Ans First(False True False)

There are 5 sweets - jamun, kulfi, peda, laddu and jilebi that i wish to eat on 5 consecutive days, monday to friday, one sweet a day, based on the following self imposed constraints:
1) Laddu is not eaten on monday
2) If jamun is eaten on monday , then laddu must be eaten on friday
3) If laddu is eaten on tuesday, kulfi should be eaten on monday
4) Peda is eaten the day following the day of eating jilebi
Based on the above , peda can be eaten on any day except?
Ans
Peda should be always eaten after jilebi. Hence it cannot be eaten on the first day which is Monday.

In a group of 5, Anuj said "One of us is lying". Pooja said "Exactly two of us are lying". Bittoo said "Exactly three of us are lying". Billa said "Exactly four of us are lying". Chitra said "Exactly five of us are lying". Which one said the truth?

Ans Only one person tells the truth (as all the statements are different). So 5-1= 4 were lying. This statement is true only in the case of Billa.

A prisoner is told "If you tell a lie we will hang you; if you tell the truth we will shoot you." What can he say to save himself?

Ans

You will hang me. If they hang him, then the statement was true and they **could** only hang him for telling a lie. ... If they shoot him, then it makes the statement a lie and they were only to shoot him for telling the truth.

A poet got a certain number of gold coins as prize from a king. When his wife asked him "How many gold coins did you get as prize?", the poet replied "If i divide the coins into two unequal numbers, 48 times the difference between them is equal to difference between the squares of the two numbers".What was the number of gold coins got by the poet? Ans 48

You are having 31 kg of rice. You are provided with a 1 kg stone for weighing. In how many minimum number of times can 31 kg of rice be weighed?

Ans

#1: weigh one kg of rice against the stone. You will have 30 kg of rice left in the main pile.

#2: weigh 2 kg of rice against the stone and the rice already weighed. You will have 28 kg of rice left in the main pile.

#3: weigh 4 kg of rice against the stone and the rice already weigted. You will have 24 kg of rice left in the main pile.

#4: weigh 8 kg of rice against the stone and the rice already weighed. You will have 16 kg of rice left in the main pile.

#5: you will confirm that the stone and the rice already weighed is equal in weight to the remaining 16 kg of rice.

Mary's mom has four children.
The first child is called April.
The second child is called May.
The third child is called June.
What is the name of the fourth child? Ans Mary

Naresh 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 am. What time does he usually leave home for the bus stop? Ans 8 45

What is the value of (X-A) (X-B).... (X-Z) ? Ans Zero

You begin reading a novel on page x and end on page y. If you read each page completely and the pages are numbered and read consecutively, then how many pages have you read? Ans y-x+1 ex, 1 to 9,,,,u read 9 pages,, so 9-1+1

Six persons A,B,C,D,E,F are invited to a party.

- A accepts invitation only if B or F accepts.
- C may accept if B accepts.
- F will accept if B,C,D accept.
- E and B may accept if D accepts.

What is the possible order in which they accept the invitations?

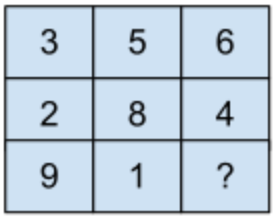
DBECFA
DABEFC
DCBEFA
BFDECA

F accepts after BCD. Hence 2nd and 4th options (DABEFC and BFDECA) are ruled out. C may accept after B. Likewise E and B accept after D. So out of the remaining options, DBECFA is the answer

My friend Vinish has 4 sons. If each of the sons had a sister how many children does Vinish have? Ans 5

A bottle fully contained honey. The honey bottle weighed 1.5kg. Then the bottle was weighed with half of the honey, it was 900 grams. What was the weight of the bottle? Ans 300 grams

Find the number to replace the question mark in the below figure.



Ans 4

In a school there are 5 teachers A,B,C,D,E. A and B are teaching Hindi and English. C and B are teaching English and Geography. D and A are teaching Maths and Hindi. E and B are teaching History and French. Who was teaching the maximum number of subjects?

Ans B

Above information can be analysed as below:

	English	Hindi	Mathmatics	Geography	History	French
A	X	X	X			
B	X	X		X	X	X
C	X			X		
D		X	X			
E					X	X

Hence, B teaches maximum no. of subjects , i.e 5

In a joint family, there are father, mother, 3 married daughters and one unmarried son. Of the daughters, two have 2 sons each, and one has a daughter. How many male members are there in the family?

(1) 3 (2) 2 (3) 6 (4) 9 (5) None of these

Solution:

The male members in the family are father, husbands of 3 married daughters, unmarried son and 2 sons of each of two daughters. So number of male members = (1+ 3 + 1 + 2 x 2) = 9. Hence, answer is (4) 9.

In a family of seven members, three generations are living together. The family has two married couples with two children each. Dharmesh has two grandchildren.

There are two Housewives.

Dharmesh who is Bhavesh's father, is a Doctor and earns the most.

Yuvraj is the son of Anuja. Anuja is married to an Engineer who is Kamla's son. Sonal is the grand daughter of one of the Housewives and she is a classical dancer. Sarika is the sister of an Engineer and herself is a Teacher.

What is Bhavesh's profession? Ans Engg

How many female members are there in the family? Ans 4

Who are the children's of Kamla? Ans Bhavesh and Sarika

Who among the following is one of the married couples? Dharmesh and Kamala