DATA ARRANGEMENT (PUZZLES)

- KOUSTAV

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Q1. There are four trees - lemon, oak, pine and apple each at different corner of rectangular plot. A well is located at one corner and a cabin at another corner. Lemon and oak tree are on either side of the gate which is located at the center of the side opposite to the side at whose extremes the well and the cabin are located. The pine tree is not at the corner where the cabin is located.

1. Which of the following pairs can be diagonally opposite to each other in the plot?

A. Apple tree and lemon tree
B. Cabin and apple tree
C. Pine tree and well
D. Oak tree and lemon tree

2. If the lemon tree is diagonally opposite to the well then oak tree is diagonally opposite to?

A. Pine tree
B. Well
C. Cabin
D. Gate

3. If oak and apple trees cannot be at adjacent corners of the plot, then which of the following will have to be at diagonally opposite corners of the plot?

A. Oak tree and well
B. Lemon tree and cabin
C. Lemon tree and oak tree
D. Lemon tree and well

4. Which of the following must be true?

A. Cabin and well are not at adjacent corners.
B. Cabin and oak tree cannot be at adjacent corners.
C. Apple tree and well are at adjacent corners.
D. Apple tree and well are not at adjacent corners.

5. Which of the following is definitely false?

A. Pine tree is adjacent to well at one corner of the plot.
B. Apple tree is adjacent to cabin at one corner.
C. Oak tree is at the adjacent corner to well.
D. Lemon tree is not on the same side of the plot as the gate.

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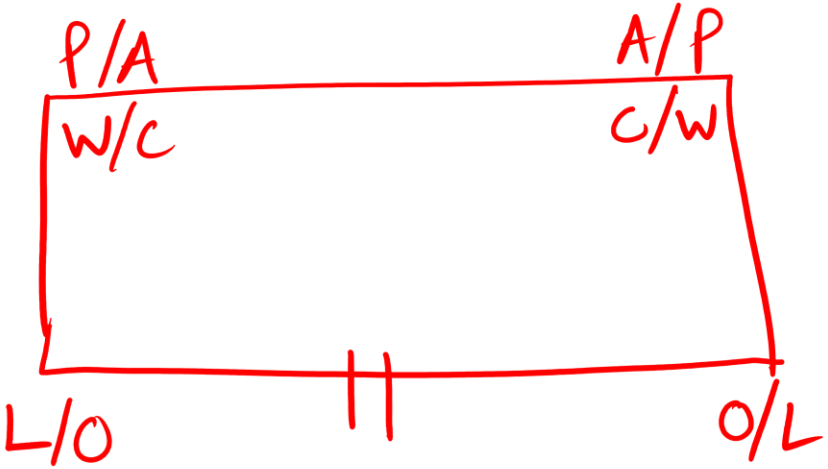

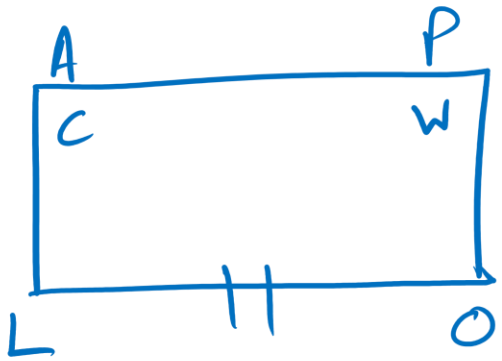

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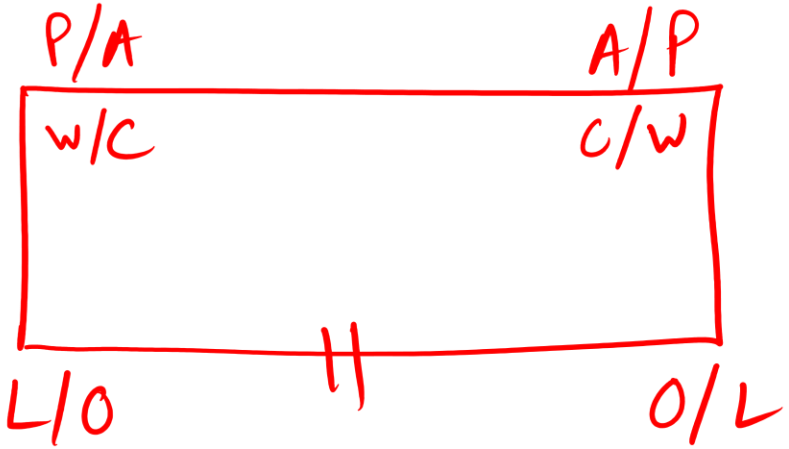
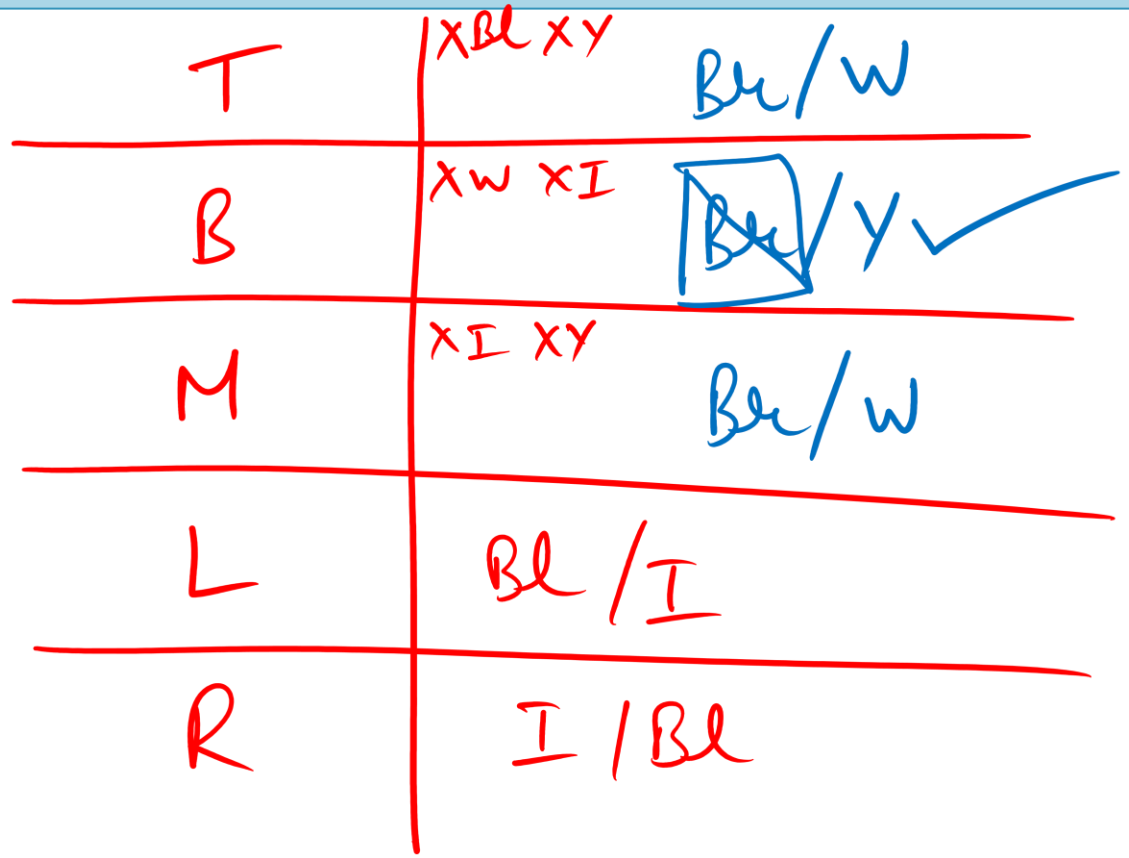


Q2. Each of the five persons Ted, Barney, Marshal, Lilly, Robin is wearing different colored cloths among white, black, brown, indigo and yellow. Ted is wearing neither a black nor a yellow colored cloth. Barney is wearing neither a white colored nor an indigo colored cloth. Marshal is wearing neither an indigo nor yellow colored cloth. If Lilly and Robin are wearing black and indigo colored cloths, then which colored cloth is Barney wearing?

A. Brown B. Yellow C. White D. Cannot be determined



Q3. In an apartment of five floors, each floor is owned by a different person among Dia, Divya, Deeksha, Darshan and Deepa. Each floor is painted among different colors among red, orange, blue, white and yellow. Deepa owns the fourth floor and her floor is not painted red. Dia stays in blue colored floor and does not own the fifth floor. Divya owns first floor and is not red colored. Darshan owns a yellow colored floor. Deeksha owns third floor.

1. Which floor does Darshan own?

A. Fifth
B. Fourth
C. Third
D. Second

2. What is the color of fourth floor?

A. Orange
B. Red
C. White
D. White or Orange

3. Which of the following combinations is definitely true? (Floor - Owner - Color)

A. 1-Divya-Orange
B. 2-Dia-Blue
C. 4-Deepa-White
D. More than above

FLOOR	NAME	COLOUR
5	×Dia DARSH	×Bl Yel
4	DEEPA	×Red W/O
3	DEEKSH	Red
2	DIA	Bl
1	DIVYA	×Red O/W

Q4. A team of six professors – Govind, Manoj, Prasad, Arvind, Bharath and Raman are scheduled training. Each professor trains in different areas among - Arithmetic, Logical Reasoning, Pure Maths, English, Current Affairs and Communication Skills on different days among Monday, Tuesday, Wednesday, Thursday, Friday and Saturday of a week.

The following information is available about the schedule:

- **Training in Pure Maths is scheduled on Tuesday but it is not by Arvind.**
- **Govind's session is scheduled on Wednesday but not Logical Reasoning.**
- **The session on Current Affairs and Communication Skills are scheduled on two consecutive days.**
- **Arvind's session is scheduled on the day immediately after the day on which Manoj's session is scheduled.**
- **Prasad's session is on English but it is scheduled neither on Monday nor on Saturday.**

1. Whose session is scheduled on Friday?

A. Bharath B. Raman C. Arvind D. Manoj

2. Which subject is scheduled on Monday?

A. Logical Reasoning B. Pure Maths C. Communication Skills D. English

3. If Arvind's session is on Current Affairs, then on which day of the week is the session on Communication Skills scheduled?

A. Monday B. Wednesday C. Thursday D. Friday

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Q5. The Banerjees, the Sharmas, and the Ramans each have a tradition of eating Sunday lunch as a family. Each family serves a special meal at a certain time of day. Each family has a particular set of chinaware used only for this meal. Use the clues below to answer the following question.

- **The Sharma family eats at noon.**
- **The family that serves fried brinjal uses blue chinaware.**
- **The Banerjee family eats at 2 o'clock.**
- **The family that serves sambar does not use red chinaware.**
- **The family that eats at 1 o'clock serves fried brinjal.**
- **The Raman family does not use white chinaware.**
- **The family that eats last likes makkai-ki-roti.**

	Time	Food	CW
B	2:00	MKR	Red
S	12:00	Sam	XR wh
R	1:00	FB	Xw Bl

Which one of the following statements is true?

A. The Banerjees eat makkai-ki-roti at 2 o'clock, the Sharmas eat fried brinjal at 12 o'clock and the Ramans eat sambar from red chinaware.

B. The Sharmas eat sambar served in white chinaware, the Ramans eat fried brinjal at 1 o'clock, and the Banerjees eat makkai-ki-roti served in blue chinaware.

C. The Sharmas eat sambar at noon, the Ramans eat fried brinjal served in blue chinaware, and the Banerjees eat makkai-ki-roti served in red chinaware.

D. The Banerjees eat makkai-ki-roti served in white chinaware, the Sharmas eat fried brinjal at 12 o'clock and the Ramans eat sambar from red chinaware.

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ANSWER KEY – DATA ARRANGEMENT (PUZZLES)

QUESTION	ANSWER	QUESTION	ANSWER
Q1. 1	A	Q3. 1	A
Q1. 2	C	Q3. 2	D
Q1. 3	D	Q3. 3	B
Q1. 4	C	Q4. 1	D
Q1. 5	D	Q4. 2	A
		Q4. 3	D
Q2	B	Q5	C