

1. In one population people have high BP and cholesterol, some of them who have blood pressure also have diabetes, but any of them does not have both diabetes and cholesterol
Number of people have cholesterol is 10

People who have only high BP is 20

45 people have high blood pressure

How many people have both diabetes and high BP

2. He said 'I did it yesterday' indirect speech

He said that it had been done by him the previous day.

3. R is younger than S. $\rightarrow$ So $S > R$

P said "I am older than R." $\rightarrow P > R$

Q said "I am not the oldest, not the youngest." $\rightarrow$ Q is in the middle.

Then the youngest will be R

4. exacerbate: mitigate :: aggravate: alleviate

5. Coins are kept in this order-

HHHTTT

If you interchange adjacent coins, without flipping them- it is counted as one step.

What is the minimum number of steps required for the order to go from-

HHHTTT to TTTHHH. =9

6. In a population, patients with high cholesterol have high bp. Some of the high bp patients have diabetes.

Additionally there are statements given

1) patients suffering from atleast one disease are 75

2) patients suffering from high cholesterol are 10

3) patients suffering from high bp are 45

4) patients suffering from high bp only are 20.

How many Patients suffer from diabetes and high bp?

A) 0

B) 10

C) 15

D) 20

7. if P is younger than S

Q says I am neither younger nor elder

R is younger than P

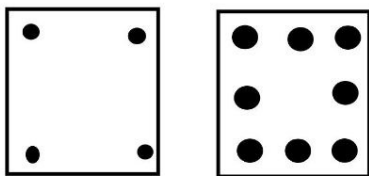
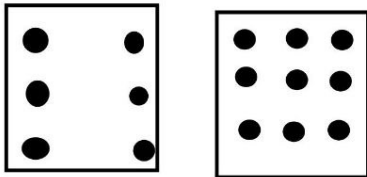
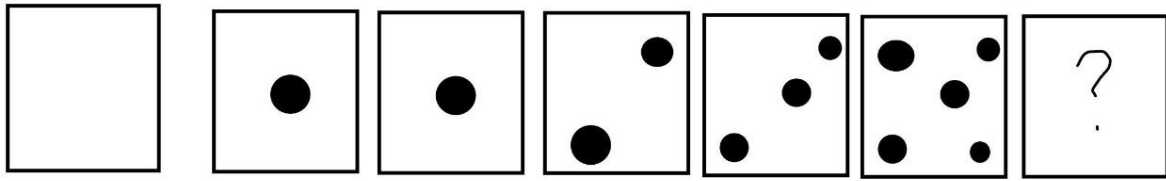
Then which one is the youngest?

A. P

B. Q

C. R

D. S



8 dots (no dot in the middle)- logic- 0, 1, 1, 1+1=2, 2+1=3, 3+2=5, 5+3=8

Q9. If exacerbate: mitigate, then

- A. Aggravate: alleviate
- B. Aggravate: precipitate
- C. Alleviate: precipitate
- D. Exonerate: emancipate

Q10. Suresh said "I did it yesterday"

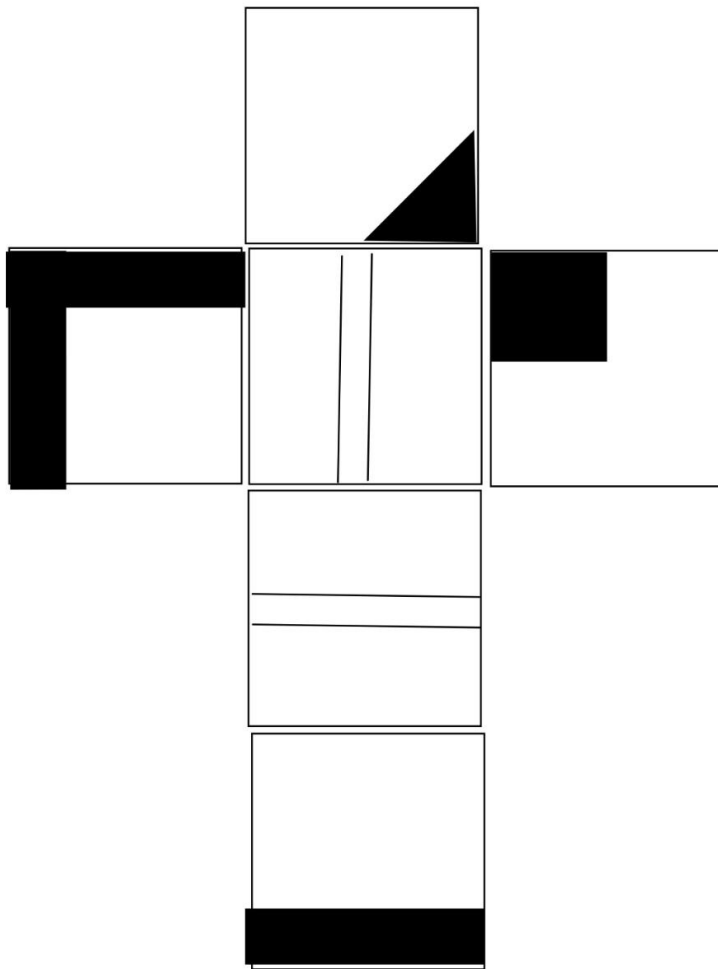
Convert to Indirect speech

- A. Suresh said I did it yesterday
- B. Suresh said he did it the day before
- C. Suresh said that he had done it the day before
- D. Suresh says that he had done it yesterday.

Q11.If there are 6 coins where H indicates heads and T indicates tails arranged in starting order HHHTTT, then how many steps will it take to convert all the coins to TTTTHH without flipping the coin and just exchanging it with adjacent coin.

- A. 6
- B. 9
- C. 12

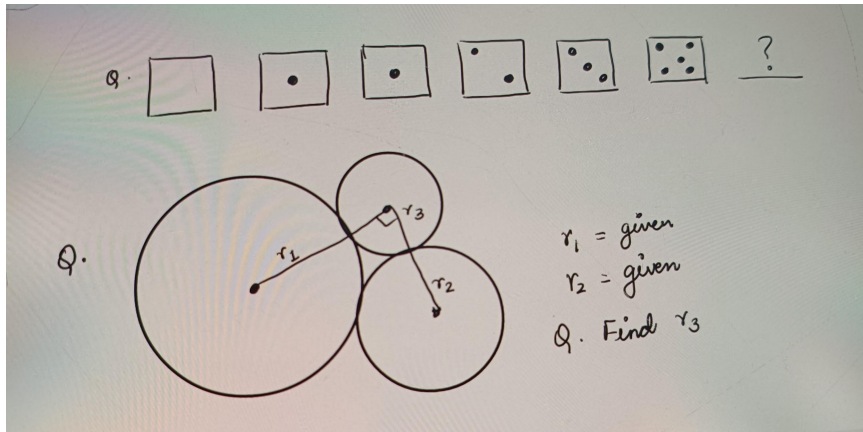
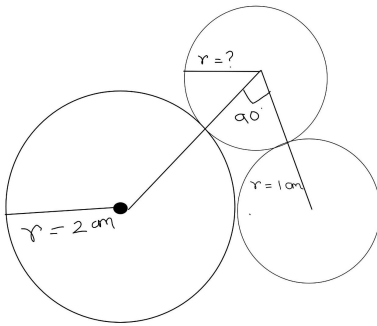
D. 8



Two options A and B were shown. Which figure matches exactly with the original diagram?

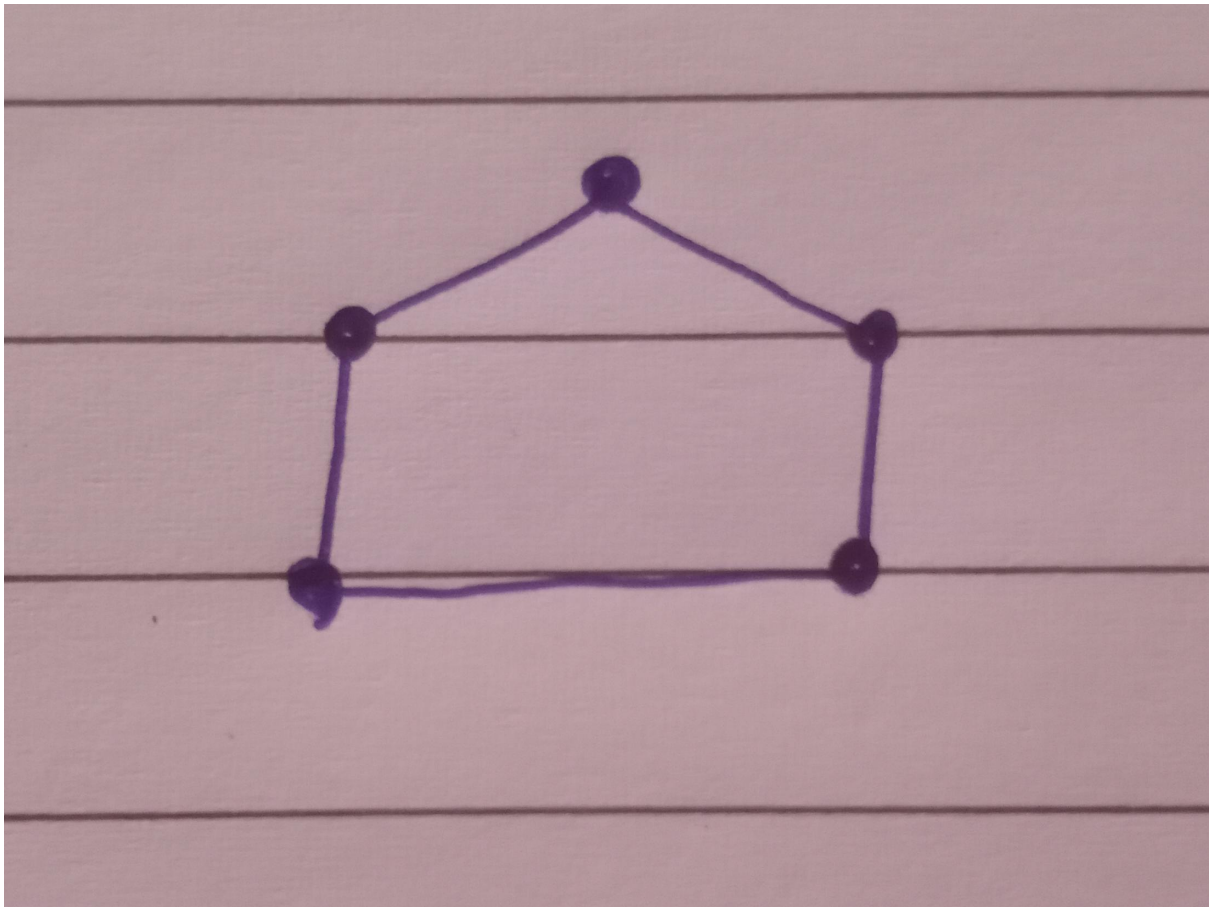
- A. Only 1
- B. Only 2
- C. Both 1 and 2
- D. Neither 1 nor 2

Q13.If 2nd of June was Thursday, then which day will be on the 3rd of July of same year?



Q2. $r_1=2$, $r_2=1$, find r_3 , $\angle r_3=90$ degree

9.



Minimum no. Guard required to check walkway from junction points?

Ans- 3

10. 2nd June is Thursday then on which day of the week 3rd July will be of the same year?

Sunday, Saturday, Friday, Thursday

BT→APTI

1. 🍀 hills h_1 h_2 h_3 h_4 Neither h_2 nor h_3 is the easternmost neither h_2 nor h_3 is the western most the hills which are not eastern and western most are also not southernmost h_2 has two hills to the east of it . What is the southernmost hill.
2. How many 3digit number can be formed with distinct prime number....(I forgot aage ka question) Options were 12 24 8 64....
3. One cube with vy 4cm uske andr two circles r_1 is 1cm find r_2

4. A cube having 8 corners. How many colours are needed from each corner do that an edge having 2 corners must be of different colours? options 2,3,4,6
5. 100 students are distributed from class1 to 10, select most appropriate statements.
options - class 1 to 5 have 50 students, every class have atleast 1 students, 10 students are common for two classes,
6. 10 students like maths, 12 likes biology, 4 likes both, 6 likes none of the subjects, total no of students? Option 24, 26, 20
- 7.

