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Cube and Dice Class Notes

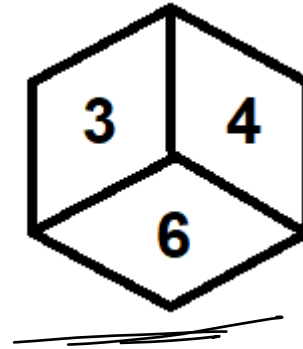
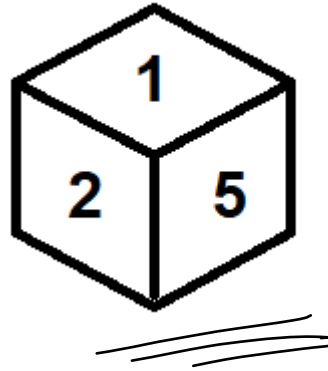
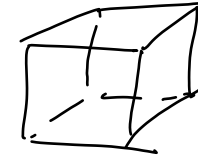
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Cubes & Dices

Dice (पासा) - ludo

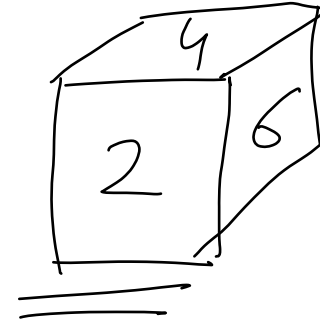
Concepts:



Cubes & Dices

Two types of Dices:

- ~~a.~~ Standard Dice:
- ~~b.~~ Non - Standard Dice

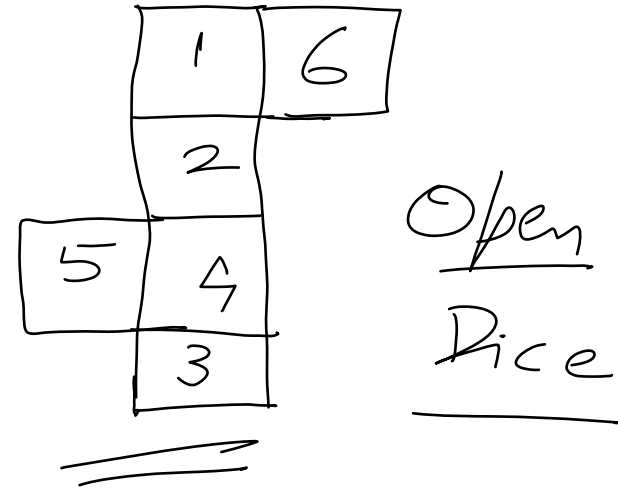
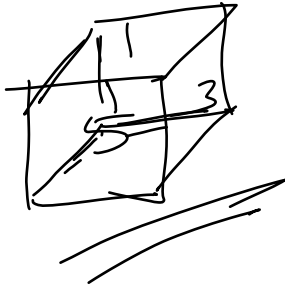


Cubes & Dices

Types of Questions asked in SSC exams:

a. Related to Open dice

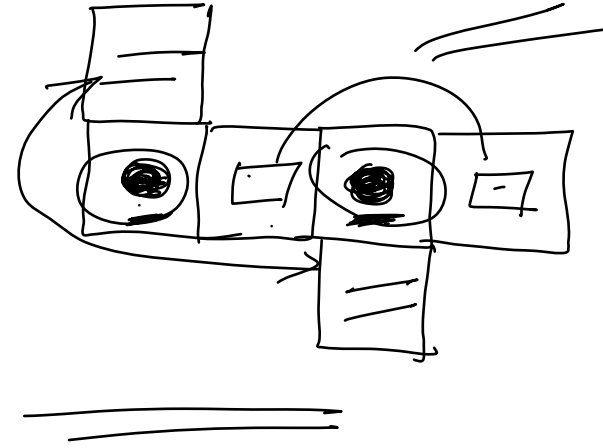
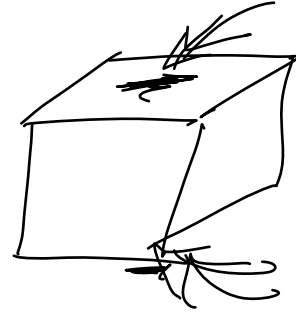
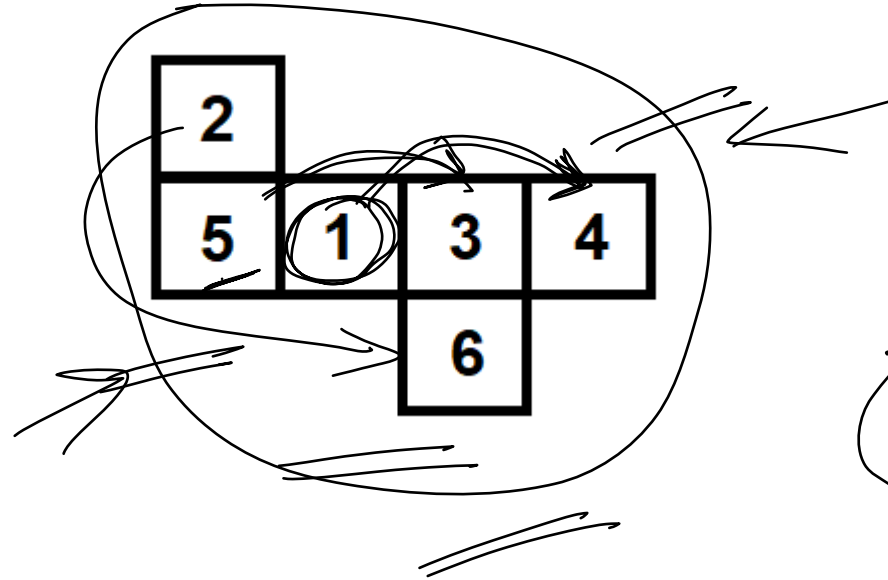
b. Related to Closed dice



Cubes & Dices

Open Dice:

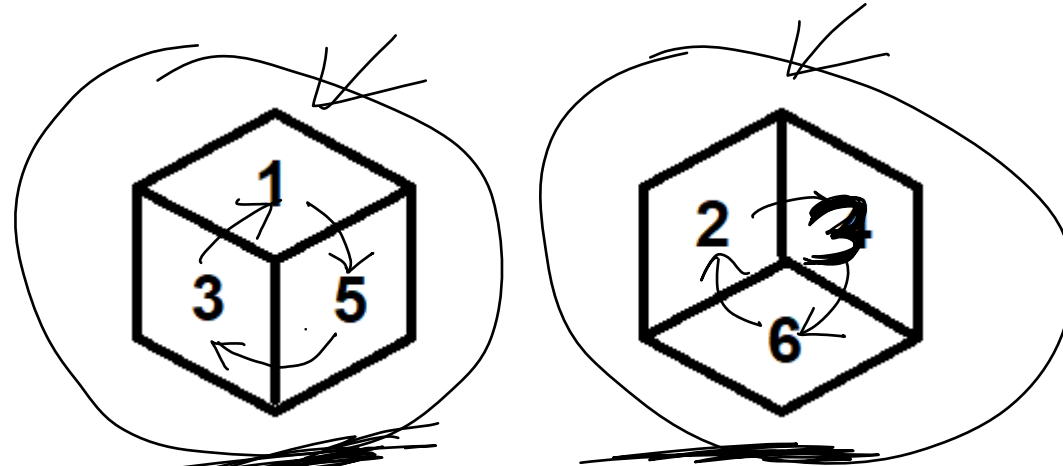
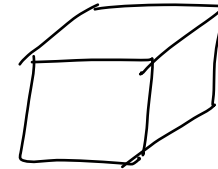
✓ 5' → '3'
✓ '1' → '4'
✓ 2' → '6'



Cubes & Dices

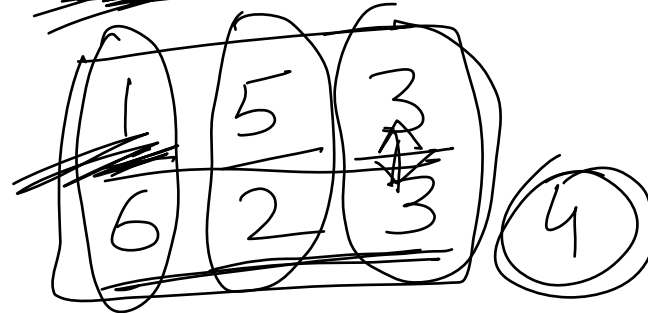
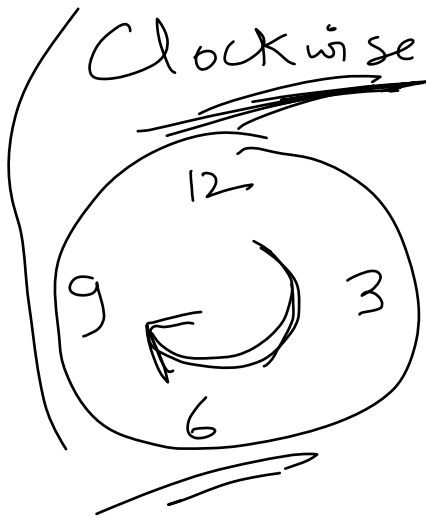
Closed Dice:

6



1 2 3 5 6 4

Clockwise



3 6 2

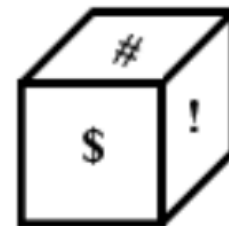
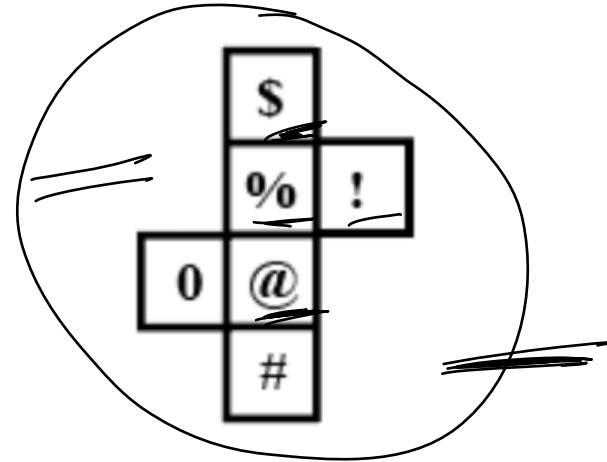
Question 1:

Select the dice that can be formed by folding the given sheet along the lines:

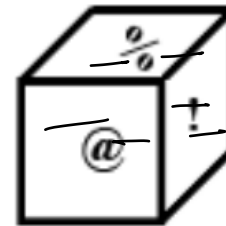
~~\$~~ → ~~@~~
~~%~~ → ~~#~~
~~!~~ → ~~0~~

Ans → A & B

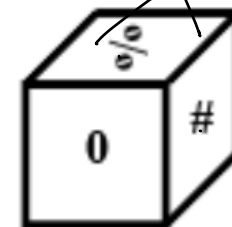
Open
Dice
Close



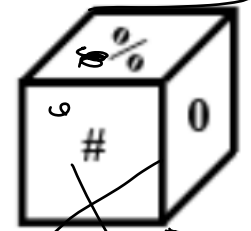
A



B



C



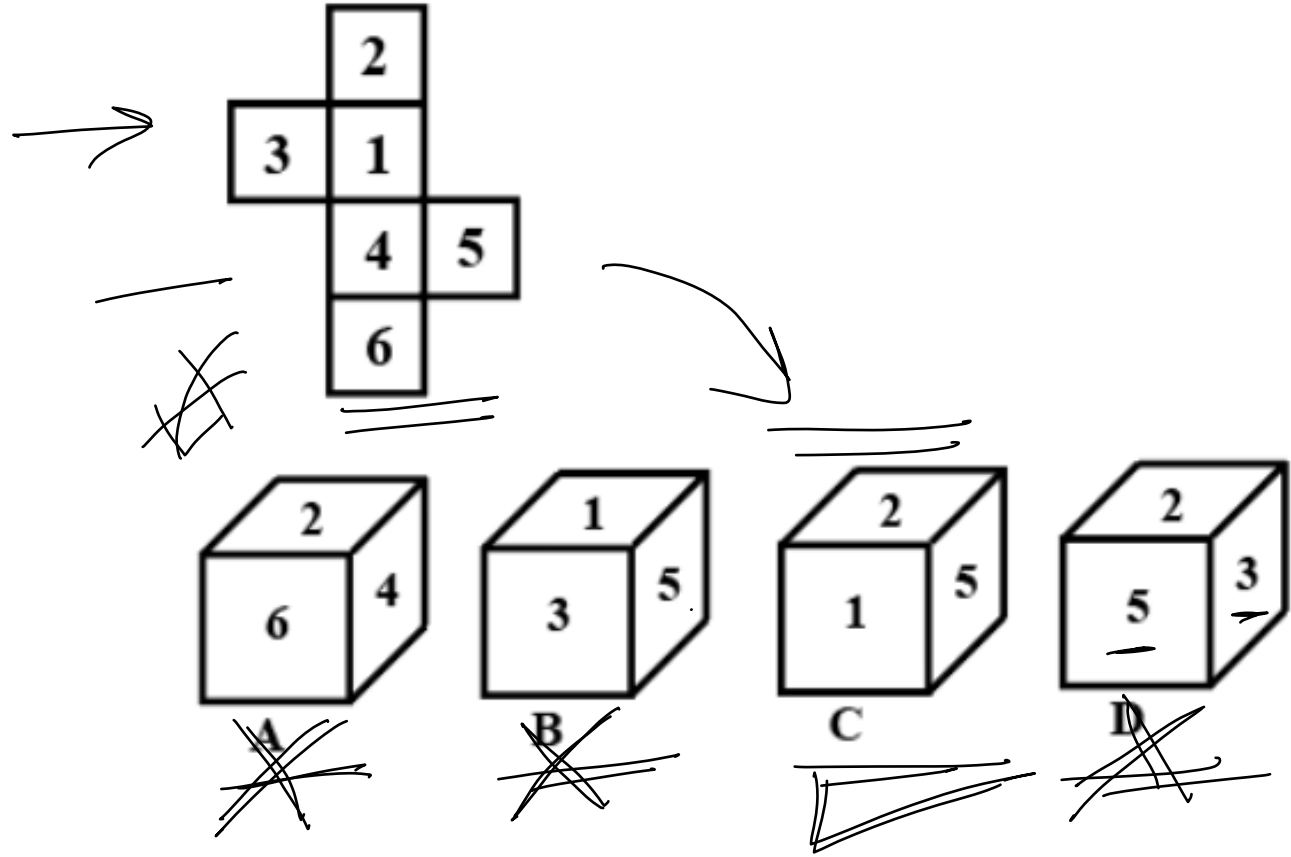
D

Question 2:

Select the dice that can be formed by folding the given sheet along the lines:

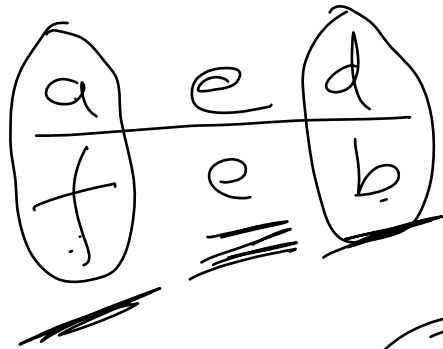
$\left. \begin{array}{l} \underline{2} \rightarrow \underline{4} \\ \underline{1} \rightarrow \underline{6} \\ \underline{3} \rightarrow \underline{5} \end{array} \right\}$

Answer - C



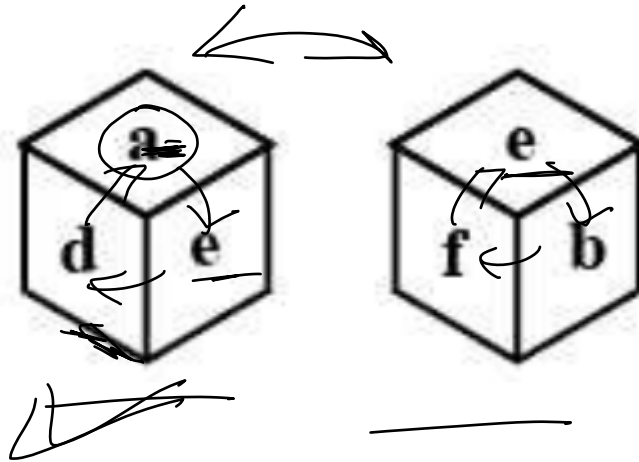
Question 3:

Select the letter that will be on the face opposite to the face having the letter 'a'.



(c)

Ans → f



Question 4:

Select the letter that will be on the face opposite to the face having the letter 'N'.

(1) M

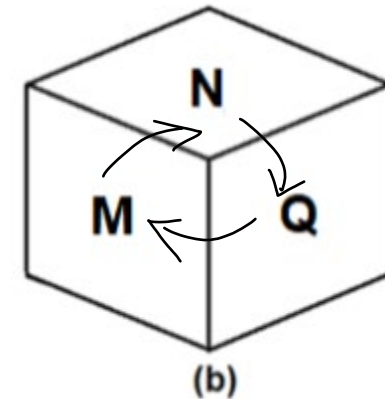
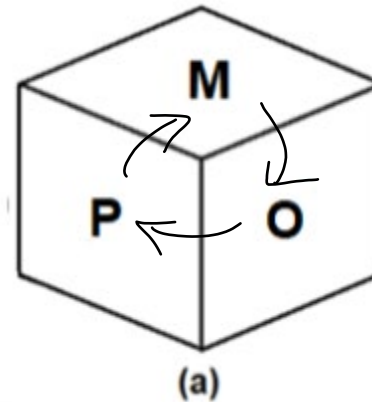
(2) O

(3) R

(4) Q



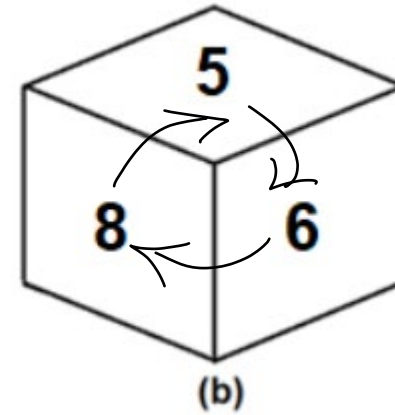
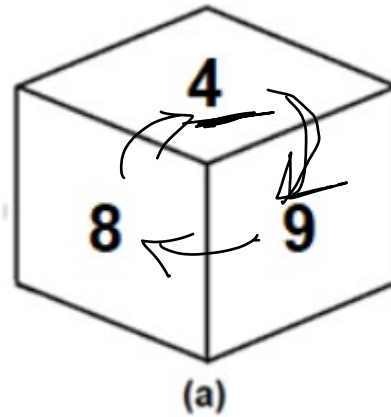
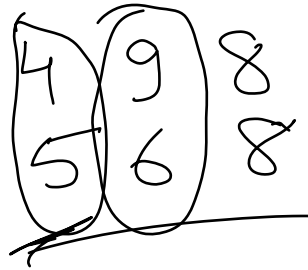
Clockwise



Question 5:

Select the digit that will be on the face opposite to the face having the digit '4'.

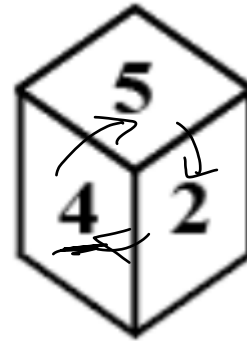
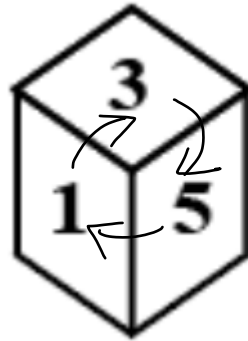
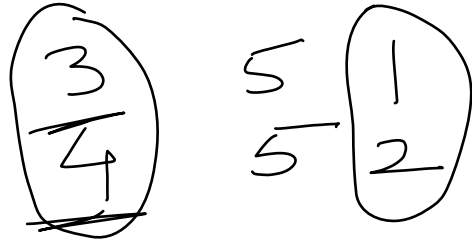
- ~~(1) 9~~
- ~~(2) 8~~
- (3) 5
- ~~(4) 6~~



Question 6:

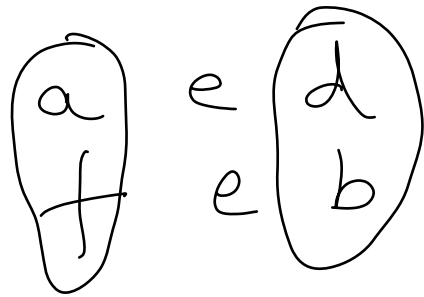
Select the digit that will be on the face opposite to the face having the digit '4'.

- a. 1
- ~~b. 3~~
- c. 5
- d. 2

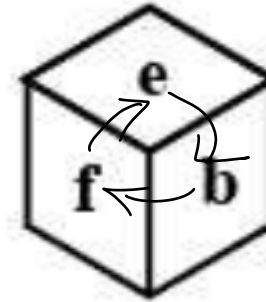
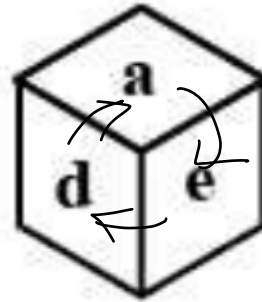


Question 7:

Select the letter that will be on the face opposite to the face having the letter 'a'.



Answer: f



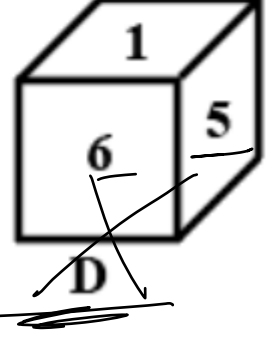
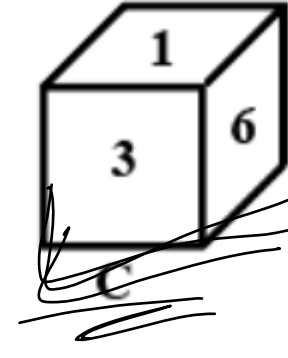
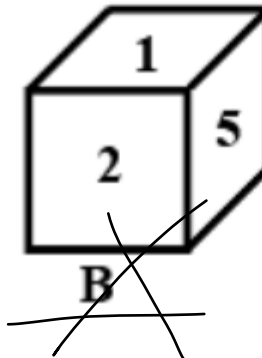
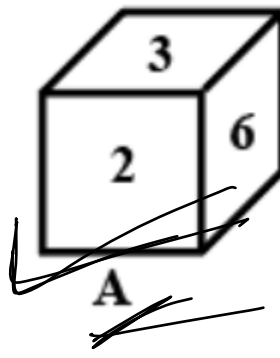
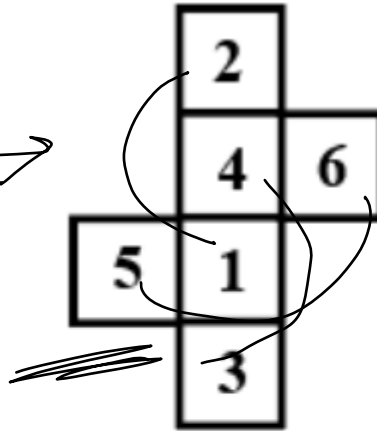
Question 8:

Select the dice that can be formed by folding the given sheet along the lines:

2 → ~~1~~
4 → 3
5 → 6

Answer → AC

Open Dice →
Close Dice



Question 9:

A cube is formed by folding the sheet. Which letter would be on the face opposite to 'Y'?

(1) S

(2) G

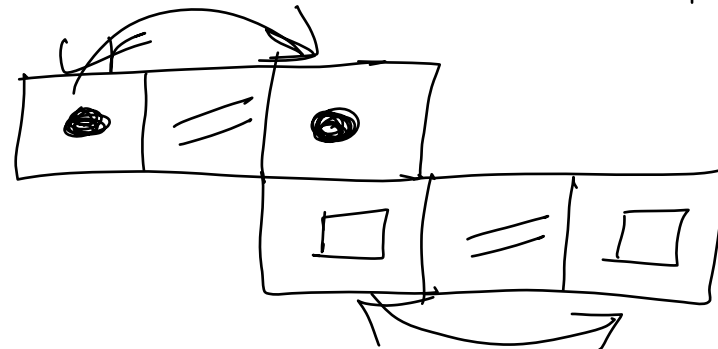
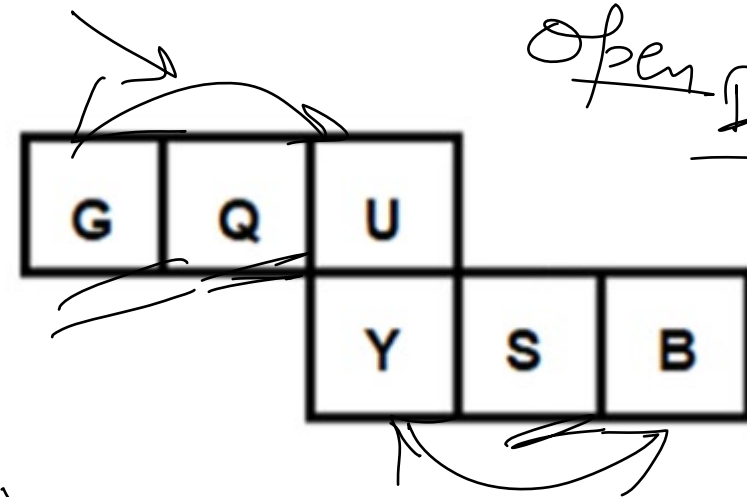
(3) Q

~~(4) B~~

G → U

Y → B

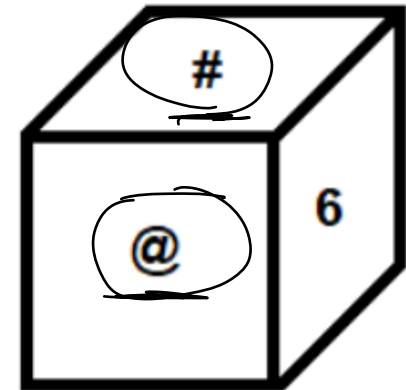
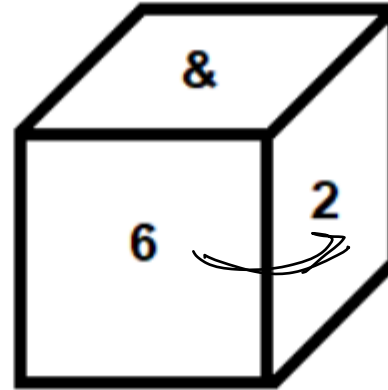
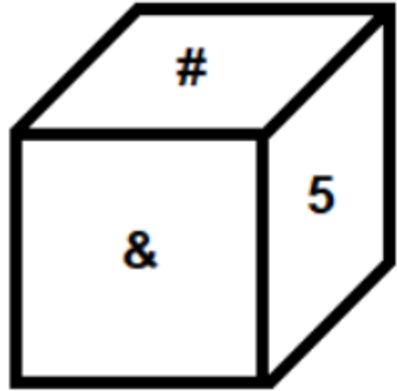
Q → S



Question 10:

Three different positions of the same dice are shown. Select the symbol/
digit that will be on the face opposite to the face having the digit '6'?

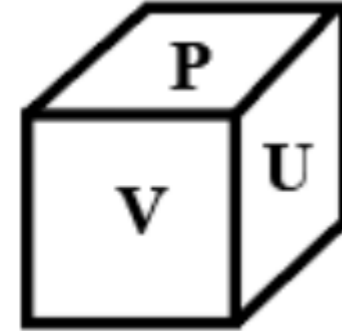
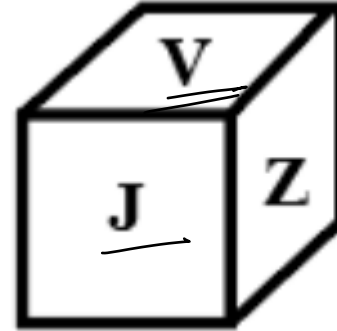
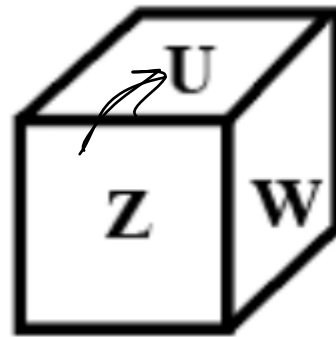
- (1) 5
- ~~(2) @~~
- ~~(3) 2~~
- ~~(4) #~~



Question 11:

Three different positions of the same dice are shown. Select the letter that will be on the face opposite to the face having the letter 'Z'?

- 2 → ? (P)
- a. P
 - b. J
 - c. V
 - d. U

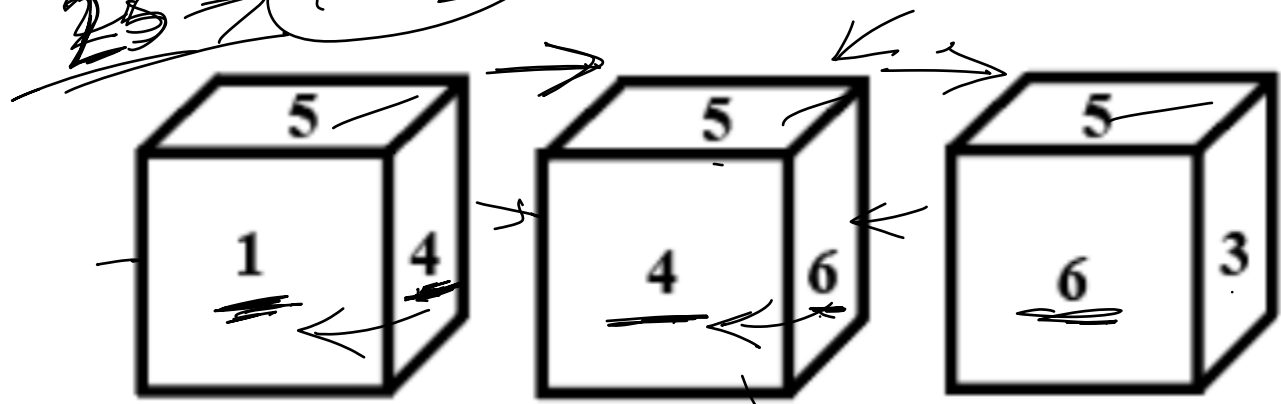
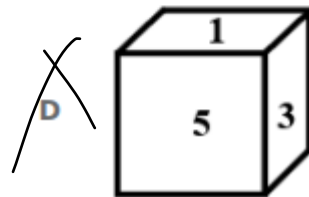
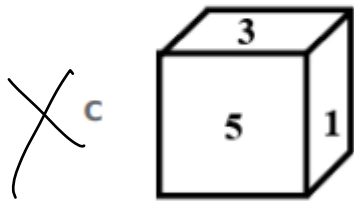
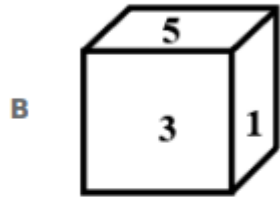
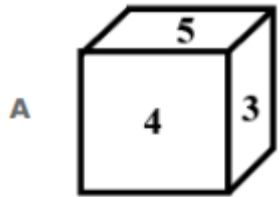


Question 12:

Dice / Cube

Three different positions of the same dice are shown. Select the option of the next rotation:

25 → 1-2



opposite
Adjacent

