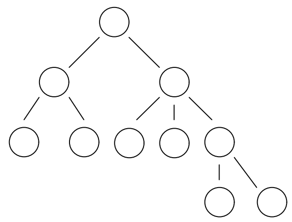
CS3191

Test your understanding!

Test 1: Strategies



Question 1 Consider the game given in the figure, where Player 1 and Player 2 move alternatingly, with Player 1 making the first move. How many strategies are there for Player 1?

- [ ] 2
- [ ] 3
- [ ] 4
- [ ] 5

Question 2 Consider the game given in the figure, where Player 1 and Player 2 move alternatingly, with Player 1 making the first move. How many strategies are there for Player 2?

- [ ] 4
- [ ] 5
- [ ] 6
- [ ] 8

Question 3 Taking two normal dice, what is the probability that the number of eyes shown after a throw adds up to 8?

- [ ] 1/6
- [ ] 5/36
- [ ] 6/36
- [ ] 7/36

Question 4 Imagine a game where on the first move, the player may draw a Jack, a Queen, or a King. He looks at his card and then decides whether to pass or to bet. He makes no further decision thereafter. How many strategies does the player have?

- [ ] 6
- [ ] 7
- [ ] 8
- [ ] 9