Section D

Don't forget to write "?" or check the "I don't know" option if you feel you are randomly guessing the answer. This makes it much easier to determine how effective the page was at conveying content.

Please enter your ID word: 

[CLICK HERE TO SHOW RELEVANT TEXT]

1. Look at the "Origins" section of the page. Which statement best summarizes the page's explanation for why the rabbit pair population by month follows the Fibonacci sequence?

- Based on the rules of rabbit reproduction, the population must follow the same recursive rules as the Fibonacci sequence. Based on the story description, the population also has the same starting values as the Fibonacci sequence. Therefore, the population matches the Fibonacci sequence.

- The population begins 1, 1, 2, 3, 5, 8, just like the Fibonacci sequence, and the picture proves that the rabbit population matches the Fibonacci sequence. The page then verifies that the population also follows the same recursive rules as the Fibonacci sequence and has the same starting values.

- I don't know. An answer here would be a random or mostly random guess.

[CLICK HERE TO SHOW RELEVANT TEXT]

Note: Referenced text is highlighted in orange.

2. Which of the following best describes the role of the sentence beginning, "To see why this is the case..." and the numbered list immediately following it?

- It uses the fact that the population follows the same recursive rules as the Fibonacci sequence to prove two facts--(a) the previous month's population gives the number of already living pairs and (b) the population from two months gives the number of new-born rabbits.

- It uses facts (a) and (b) above to prove that the rabbit population follows the same recursive rules as the Fibonacci sequence.

- I don't know. An answer here would be a random or mostly random guess.
3. Which of the following best describes the role of the sentence, "Moreover, the population by month has the same starting values as the Fibonacci sequence: one pair in month 1, and one pair in month 2."

- This fact is needed in combination with the already-established fact that the population follows the same rules as the Fibonacci sequence to conclude that the population actually has the same values as the Fibonacci sequence.

- The population has been shown to match the Fibonacci sequence already. This statement illustrates how this is true for the first two months.

- I don't know. An answer here would be a random or mostly random guess.

4. How did the writer of this section implicitly come to the conclusion that, "Moreover, the population by month has the same starting values as the Fibonacci sequence: one pair in month 1, and one pair in month 2"?

- By using the fact that the population of rabbit pairs matches the Fibonacci sequence, and noting that the first two numbers in the Fibonacci sequence are 1 and 1.

- By noting that the story specified a population of one pair in January and that the rabbits were not yet ready to reproduce in February.

- I don't know. An answer here would be a random or mostly random guess.

Please indicate your level of fatigue after completing this section of the survey:

- Still going strong
- Getting a bit tired
- Definitely tired
- Exhausted

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