

12. THE SABOTAGED LOGIC QUIZ

As a youth, Dr. X was to take a ten-question multiple-choice logic quiz in a university class; his nemesis, however, was set on seeing to his failure. Before Dr. X received his copy of the quiz, his nemesis tore off the last three questions. Then, as if that was not enough, he was so determined to see that Dr. X received a failing grade, that he took a black magic marker and obscured questions three and five, rendering them completely unreadable. Satisfied that only half of the questions could now be read, he finally let Dr. X have the quiz, thinking that a failing grade was inevitable. As you may have surmised, Dr. X rose to the challenge, and produced all ten correct answers, acing the quiz. Given only the following questions below, how did he manage to do it?

- ___ 1. Which of these lists describes the content of the ten correct answers on this quiz?
A. two As, three Bs, four Cs, and one D.
B. three As, two Bs, two Cs, and three Ds.
C. two As, two Bs, three Cs, and three Ds.
D. three As, one B, four Cs, and two Ds.
- ___ 2. If the ten correct answers on this quiz are listed in order, which sequence of answers does NOT appear consecutively?
A. BDC
B. CAB
C. DBA
D. DCB
- ___ 3. If the... (*obscured*)
- ___ 4. Which questions have the same letter for an answer?
A. 1 and 3
B. 4 and 6
C. 2 and 9
D. 5 and 7
- ___ 5. What is the... (*obscured*)
- ___ 6. If the ten correct answers on this quiz are listed in order, which letter answer appears twice or more consecutively?
A. C
B. A
C. D
D. B
- ___ 7. In the answers to the ten questions on this quiz, which letter is most often used as the correct answer?
A. B
B. C
C. D
D. A
- ___ 8. (*missing*)
- ___ 9. (*missing*)
- ___ 10. (*missing*)