

Questions 6–12

A university library budget committee must reduce exactly five of eight areas of expenditure—G, L, M, N, P, R, S, and W—in accordance with the following conditions:

If both G and S are reduced, W is also reduced.

If N is reduced, neither R nor S is reduced.

If P is reduced, L is not reduced.

Of the three areas L, M, and R, exactly two are reduced.

6. Which one of the following could be a complete and accurate list of the areas of expenditure reduced by the committee?
- (A) G, L, M, N, W  
 (B) G, L, M, P, W  
 (C) G, M, N, R, W  
 (D) G, M, P, R, S  
 (E) L, M, R, S, W
7. If W is reduced, which one of the following could be a complete and accurate list of the four other areas of expenditure to be reduced?
- (A) G, M, P, S  
 (B) L, M, N, R  
 (C) L, M, P, S  
 (D) M, N, P, S  
 (E) M, P, R, S
8. If P is reduced, which one of the following is a pair of areas of expenditure both of which must be reduced?
- (A) G, M  
 (B) M, R  
 (C) N, R  
 (D) R, S  
 (E) S, W
9. If both L and S are reduced, which one of the following could be a pair of areas of expenditure both of which are reduced?
- (A) G, M  
 (B) G, P  
 (C) N, R  
 (D) N, W  
 (E) P, S
10. If R is not reduced, which one of the following must be true?
- (A) G is reduced.  
 (B) N is not reduced.  
 (C) P is reduced.  
 (D) S is reduced.  
 (E) W is not reduced.
11. If both M and R are reduced, which one of the following is a pair of areas neither of which could be reduced?
- (A) G, L  
 (B) G, N  
 (C) L, N  
 (D) L, P  
 (E) P, S
12. Which one of the following areas must be reduced?
- (A) G  
 (B) L  
 (C) N  
 (D) P  
 (E) W

GO ON TO THE NEXT PAGE.