Assignment 2

The due date for submitting this assignment is passed. As per our records you have not submitted this assignment.

1. Two protons A and B give a peak at 2 ppm and 3 ppm respectively on a 300 MHz spectrometer. The separation between A and B is on a 300 MHz spectrometer will be ______________________ ppm. 1 point

2. 3 Hz 2 Hz 3 Hz

3. 3 Hz 2 Hz 3 Hz

4. 3 Hz 2 Hz 3 Hz

5. Yes, the answer is incorrect. 0 points

6. Assigned Answers: A

7. A molecule with a molecular formula C₆H₁₂O₂ produces a single line in the proton NMR spectrum. How many protons would a proton decoupled ¹H NMR spectrum of the molecule possess? 1 point

8. Yes, the answer is incorrect. 0 points

9. Assigned Answers: A

10. How many protons would a ¹H NMR spectrum of SF₆ deuterated chloroform have? 1 point

11. No, the answer is incorrect. 0 points

12. Assigned Answers: A

13. A) Two doublets B) Two triplets C) Two triplets D) Two doublets E) Two triplets

14. No, the answer is incorrect. 0 points

15. Assigned Answers: A

16. No, the answer is incorrect. 0 points

17. Assigned Answers: A

18. No, the answer is incorrect. 0 points

19. Assigned Answers: A

20. No, the answer is incorrect. 0 points

21. Assigned Answers: A

22. No, the answer is incorrect. 0 points

23. Assigned Answers: A

24. No, the answer is incorrect. 0 points

25. Assigned Answers: A

26. No, the answer is incorrect. 0 points

27. Assigned Answers: A

28. No, the answer is incorrect. 0 points

29. Assigned Answers: A

30. No, the answer is incorrect. 0 points

31. Assigned Answers: A

32. No, the answer is incorrect. 0 points

33. Assigned Answers: A

34. No, the answer is incorrect. 0 points

35. Assigned Answers: A

36. No, the answer is incorrect. 0 points

37. Assigned Answers: A

38. No, the answer is incorrect. 0 points

39. Assigned Answers: A

40. No, the answer is incorrect. 0 points

41. Assigned Answers: A

42. No, the answer is incorrect. 0 points

43. Assigned Answers: A

44. No, the answer is incorrect. 0 points

45. Assigned Answers: A