List of Tables

1. Showing the number of ions at various intervals

2. Mean values (digits recalled) of the differences in post and pre test scores of exposure and no exposure groups given the treatment for varying doses and durations to normal and LD subjects in case of forward digit span (FDS)

3. Showing the mean values obtained after monotonic transformation of pre-post difference in forward digit span (FDS), as obtained for varying durations and doses of exposure in normal and LDs

4. Mean differences in FDS (D1) at different doses after 10 days of Exposure/No exposure conditions amongst normal and LD subjects

5. Summary of 3-way ANOVA with F-values and level of significance on D1 of Forward Digit Span (FDS) i.e. after 10 days

6. Showing the means of normal and LD subjects either exposed or not exposed for 10 days and the summary of DRT employed on FDS

7. DRT showing the significance of mean differences in FDS (D1) of normal and LD subjects given exposure/no exposure of various doses and durations

8. Mean differences in FDS (D2) values at different doses after 20 days of Exposure/No exposure amongst normal and LD subjects

9. Summary of 3-way ANOVA with F-values and level of significance on D2 of Forward Digit Span (FDS) after 20 days

10. Showing the means of normal and LD subjects either exposed or not exposed to air ions for 20 days and the summary of DRT employed on FDS

11. Mean differences in FDS (D3) values at different doses after 30 days of Exposure/No exposure amongst normal and LD subjects
12. Summary of 3-way ANOVA with F-values and level of significance on D₁ of Forward Digit Span (FDS) after 30 days

13. Showing the means of normal and LD subjects either exposed or not exposed to air ions for 30 days and the summary of DRT employed on FDS

14. DRT showing the significance of mean differences in FDS (D3) of Normal and LD subjects given exposure/no exposure of various doses and durations

15. Mean values (digits recalled) of the differences in pre and post test scores of exposure and no exposure groups given the treatment for varying doses and durations to normal and LD subjects in case of backward digit Span (BDS)

16. Mean differences in BDS (D1) values at different doses after 10 days of Exposure/No exposure amongst normal and LD subjects

17. Summary of 3-way ANOVA with F-values and level of significance on D₁ of Backward Digit Span (BDS) after 10 days

18. Mean differences in BDS (D2) values at different doses after 20 days of Exposure/No exposure amongst normal and LD subjects

19. Summary of 3-way ANOVA with F-values and level of significance on D₂ of Backward Digit Span (BDS) i.e. after 20 days

20. Showing the means of normal and LD subjects either exposed or not exposed for 20 days and the summary of DRT employed on BDS

21. Mean differences in BDS (D3) values at different doses after 30 days of Exposure/No exposure amongst normal and LD subjects

22. Summary of 3-way ANOVA with F-values and level of significance on D₃ of Backward Digit Span (BDS) i.e. after 30 days

23. Showing the means of normal and LD subjects either exposed or not exposed after 30 days and the summary of DRT employed on BDS
24. Mean values of the differences in post and pre test scores of exposure and no exposure groups given the treatment for varying doses and durations to normal and LD subjects in case of Trials taken in Serial Learning

25. Mean differences in Trials taken in Serial Learning (D1) values at different doses after 10 days of Exposure/No exposure amongst normal and LD subjects

26. Summary of 3-way ANOVA with F-values and level of significance on D1 of Trials taken in Serial Learning after 10 days

27. Showing the means of normal and LD subjects either exposed or not exposed to air ions for 10 days and the summary of DRT employed

28. DRT showing the significance of mean differences on trials taken after 10 days in Serial Learning for exposure and no exposure groups on D1

29. Mean differences in Trials taken in Serial Learning (D2) at different doses after 20 days of Exposure/No exposure conditions amongst normal and LD subjects

30. Summary of 3-way ANOVA with F-values and level of significance on D2 of Trials taken in Serial Learning after 20 days

31. Showing the means of normal and LD subjects either exposed or not exposed to air ions for 20 days and the summary of DRT employed on Trials taken in Serial Learning

32. DRT showing the significance of mean differences on trials taken after 20 days in Serial Learning for exposure and no exposure groups on D2

33. Mean differences in Trials taken in Serial Learning (D3) at different doses after 30 days of Exposure/No exposure conditions amongst normal and LD subjects

34. Summary of 3-way ANOVA with F-values and level of significance on D3 (pre and post test 3 difference i.e. 30 days) SL
35. Showing the means of normal and LD subjects either exposed or not exposed to air ions for 20 days and the summary of DRT employed on Trials taken in SL

36. DRT showing the significance of mean differences on trials taken after 30 days in Serial Learning for exposure and no exposure groups on D3

37. Mean values of the differences in post and pre test scores of exposure and no exposure groups given the treatment for varying doses and durations to normal and LD subjects in case of NSS recalled in Serial Learning

38. Mean differences in NSS recalled in Serial Learning (D1) at different doses after 10 days of Exposure/No exposure conditions amongst normal and LD subjects

39. Summary of 3-way ANOVA with F-values and level of significance on D1 (post test 1 i.e. 10 days of exposure and pre test difference) of NSS recalled in SL after 24 hours

40. Mean differences in NSS recalled after 24 hours in Serial Learning (D2) values for different doses obtained after 20 days for normal and LD subjects in Exposure/No exposure conditions

41. Summary of 3-way ANOVA with F-values and level of significance on D2 (pre and post test 2 difference i.e. 20 days) on SL after 24 hours

42. Mean differences in NSS recalled after 24 hours in Serial Learning (D3) values for different doses obtained after 30 days for normal and LD subjects in Exposure/No exposure conditions

43. Mean differences in NSS recalled after 24 hours in Serial Learning (D3) values for different doses obtained after 30 days for normal and LD subjects in Exposure/No exposure conditions

44. Summary of 3-way ANOVA with F-values and level of significance on D3 (post test 3 difference i.e. 30 days and pre test) on SL after 24 hours
45. Showing the means of normal and LD subjects either exposed or not exposed for 30 days and the summary of DRT employed on SL

46. Mean values of post-pre difference on 30 Word Recall, as obtained for various doses and durations of exposure in Normal and LDs

47. Mean differences in 30 Word Recall (D1) values for different doses obtained after 10 days for normal and LD subjects in Exposure/No exposure conditions

48. Summary of 3-way ANOVA with F-values and level of significance on D1 (post test 1 i.e. 10 days and pre difference) on 30 word Recall

49. Showing the means of normal and LD subjects either exposed or not exposed after 10 days and the summary of DRT employed

50. Mean differences in 30 Word Recall (D2) values for different doses obtained after 20 days for normal and LD subjects in Exposure/No exposure conditions

51. Summary of 3-way ANOVA with F-values and level of significance on D2 (pre and post test 2 difference i.e. 20 days) on 30 word Recall

52. Showing the means of normal and LD subjects either exposed or not exposed after 20 days and the summary of DRT employed

53. Mean differences in 30 Word Recall (D3) values for different doses obtained after 30 days for normal and LD subjects in Exposure/No exposure conditions

54. Summary of 3-way ANOVA with F-values and level of significance on D3 (pre and post test 3 difference i.e. 30 days) on 30 word Recall

55. Showing results of DRT employed to test the significance of mean differences of FDS obtained after various tests after the last exposure amongst normal subjects
56. Showing results of DRT employed to test the significance of mean differences of FDS obtained after various tests after the last exposure amongst LD subjects

57. Showing results of DRT employed to test the significance of mean differences of FDS obtained after various tests after the last exposure amongst LD subjects

58. Showing results of DRT employed to test the significance of mean differences of BDS obtained after various tests after the last exposure amongst normal subjects

59. Showing results of DRT employed to test the significance of mean differences of BDS obtained after various tests after the last exposure amongst LD subjects

60. Showing results of DRT employed to test the significance of mean differences of serial learning obtained after various tests after the last exposure amongst normal subjects

61. Showing results of DRT employed to test the significance of mean differences of serial learning obtained after various tests after the last exposure amongst LD subjects