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| **Assignment –IIND** |
| 1. Is there a significant difference between boys’ and girls’ fall reading scores?(3marks) |
| 2. Is there a significant difference between boys’ and girls’ spring reading scores?3 marks |
| 3. Is there a significant difference between 6-year-olds’ and 7-year-olds’ fall reading scores?3marks |
| 4. Is there a significant difference between 6-year-olds’ and 7-year-olds’ spring reading scores?3marks |
| 5. Is there a significant difference between boys and girls with respect to the number of books in the home?3marks  6. Is there any association between gender and flavour of an ice-cream is statistically significant or not? (sheet 2)  (5marks)  7. State the appropriate conclusion for a chi-square test for goodness of fit for the given information. (2 marks)  a. P= 0.10, D.O.F= 8, CHI SQUARE CALCULATED VALUE = 13.219  b. P = 0.025, D.O.F = 17, CHI SQUARE CALCULATED VALUE = 27.008  8. Is the association between fall reading scores and spring reading scores with number of books is statistically significant? (SHEET 1) (5marks)  **Note:**  **1. 3 MARKS IS GIVEN TO STUDENTS ON THE BASIS OF THE PRESENTATION/UNIQUENESS OF ASSIGNMENT.**  **2. THOSE WHO WILL DO COPY AND PASTE FROM ONE ANOTHER, ZERO MARKS WILL BE GIVEN TO BOTH (OR AS MUCH AS NUMBER) THE STUDENTS.** |
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