

**PG CBCS**  
**M.A. Semester-II Examination, 2021**  
**EDUCATION**  
**PAPER: EDN 202**  
**(ANALYSIS OF DATA AND WRITING RESEARCH REPORT)**

**Full Marks: 40****Time: 2 Hours**

**Answer any FOUR questions from the following: 4×10=40**

1. What do you understand by the term 'data' as used in statistics? Why is it essential to organizedata? 3+7
2. What is Central tendency? Explain the most common measures of Central tendency. 2+8
3. What do you mean by qualitative data and quantitative data? Explain their differences with example. 3+8
4. What is research report? Discuss the significance of research report and the structure of a research report. 2+8
5. Compute the average deviation and standard deviation from the following ungrouped data-30, 35, 36, 39, 42, 44, 46, 38, 34, 35 5+5
6. What are the different measures of variability? Discuss them in brief. 2+8
7. What is chi-square test? A dice is tossed 144 times and five spot face appears on the top 36 times. Test the hypothesis that the dice is unbiased. 2+8
8. What is median test? The scores of two group of students on achievement test are given below-  
 Group-1. 32, 30, 35, 34, 40, 29, 36, 38, 42, 44  
 Group-2. 31, 33, 38, 41, 36, 39, 40, 43, 37, 42  
 Test the null hypothesis both at .05 & .01 levels that both the group drawn from population of same median. 2+8

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