Test papers will be returned tomorrow.

**BEGIN UNIT 2**

**Ch 3. ** - **BEGIN** (p.93)

**A) Defs.**

1. **Response Variable & Explanatory Variable.**
   - The response variable is the outcome variable on which comparisons are made.
   - The explanatory variable defines the groups to be compared with respect to values on the response variable.

   **See Ex. 1. 93.**  "Survival status" (alive/dead) is the **response variable**
   
   Smoking status (does she smoke/not smoke?) is **explanatory variable**

2. **Interesting Point. (p. 94)**
   - **The MAIN PURPOSE of a DATA ANALYSIS w/ 2 variables is to investigate whether there is an association (between the variables) and to describe the nature of that association.**

3. **Define ASSOCIATION exists between two variables if a particular value for one variable is more likely to occur w/ certain values of the other variables.**