**Grand Assignment**

 **DPT 6th semester**

**Course Title: Teaching Methodology and community medicine**

**Instructor: Dr. M. Shahzeb khan (PT)**

**Marks: 20**

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Roll no :14143

**Note:**

**INTERNAL ASSESSMENT MARKS WILL BE GIVEN ON BASIS OF GRAND ASSIGNMENT**

**Q1:** How will you conduct “Case Control study”

Explain it with Example??

Ans:- CASE CONTROL STUDY:-

Is an analytical observational examination which has a correlation gathering?

Study gathering of case control are characterized by outcome. Case control is the most productive plan in term of time, money, and effort. Case control is likewise proficient in the examination of infections that have a long inactivity period. this investigation is valuable to uncommon maladies and this is additionally study various hazard factors exposures .no need of follow up. Case control study is fundamentally a review study. Comparing the illnesses of gathering versus non sickness gathering and it's likewise searching for introduction or hazard factor. looking to establish affiliation.

Example: - Exposure of smoking

It's mean that smoking causes the lungs cancer in the body are not or in other words lung cancer present or absent in the human body.

**Q2:** How will you conduct “Cohort study”

Explain it with Example

Ans: -COHORT STUDY: -

Tracks at least two gatherings forward from introduction to outcome. This study bunch are characterized by presentation. the most ideal approach to learn both the occurrence and regular history of a disorder.it is helpful in examination of various results that may emerge after a solitary exposure. Cohort study are additionally valuable in the investigation.

Of uncommon introduction. its likewise diminish the danger of survivor bias. Its additionally computation of frequency rates, family member’s dangers and confidence span .it very well may be establishing chance straightforwardly and isn't useful for the uncommon disease. Cohort study is forthcoming examination .it likewise thought about the uncovered of gathering Versus non uncovered gathering. Asking did presentation change, likelihood of ailment. it’s likewise looking to establish the affiliation.

EXMAPLE:- Best example of cohort study is Nurses health.

Sociological research also includes birth cohorts.

ALL THE STUDENTS ARE REQUESTED TO UPLOAD YOUR ASSINGMENT BEFORE FINAL TERM EXAM