

# ABSTRACT

The basic object of the research is to find out indicators that show presence of depression in persons of different professional groups. For this purpose a questionnaire is designed after consultation with experts from the field of psychology. The questionnaire consists of fifty questions covering different aspects about depression. A sample of three hundred fifty persons consisting of fifty from each professional group is selected from different areas of Lahore.

Factor Analysis, MANOVA and Discriminate Analysis are carried out to analyze the data using the statistical software SPSS. The basic theory of technique along with literature survey is also given. The final conclusion of this study is that the important indicators of depression among different professions, i.e., engineers, lawyers, business persons, doctors, bankers, students and teachers are disappointment, hopeless, unambitious, downhearted, sensitive, jealous and nervous respectively. The important indicator of depression among the whole population is panic. The effect of professions is significant. By applying Multiple Discriminate Analysis, the coefficients are used to compute canonical variable scores for each case.

$$D_1 = .714 \text{ Panic} + 1.063 \text{ Disappointment} + 1.159 \text{ Nervous} + .678 \text{ Sadness} + .458 \text{ Jealous} - 6.866$$

$$D_2 = -3.199 \text{ Panic} + 1.006 \text{ Disappointment} + .473 \text{ Nervous} + 1.509 \text{ Sadness} + .609 \text{ Jealous} - 1.532$$