



EASTERN UNIVERSITY, SRILANKA
DEPARTMENT OF MATHEMATICS
FIRST YEAR EXAMINATION IN SCIENCE – 2013 / 2014
SECOND SEMESTER (April / May, 2016)
CC 153 – BIO STATISTICS (PRACTICAL)
(PROPER & REPEAT)

Two hours

A researcher wants to study the factors that could affect to the pulse rate. He has collected some data. The description is given below.

Description

Gender of the persons (1: male, 2: Female)

Marital status of persons (1: married, 2: not married)

Smoking habits of persons (1: smoking, 2: not smoking)

Age of persons in years

Height of persons in inches

Weight of persons in pounds

Number of hours of exercise per week

Number of pulse within a minute

Use the data to achieve the above objective and prepare a statistical report. Your report should consist of an introduction, composition of sample, preliminary analysis, confirmatory analysis, conclusions and recommendations.