1. Classify the following as pure or applied research. (2 marks)
   (a) How to prevent copying of films
   (b) To prove that a particular algebraic series is convergent

2. Which of the following is a fact and which is opinion? Why? (2 Marks)
   (a) Sun rises in the east.
   (b) Greece is a great country

3. Which of the following are the important characteristics of a statistical data? (5 Marks)
   (a) Central tendency  (b) Dispersion  (c) Colour  (d) Odour  (e) Skewness
   (f) Strength  (g) Kurtosis

4. Point out obvious mistakes in the following reference citations (6 marks)


5. Write short notes on the following (5 x 5 marks)
   (a) Structure of a Research Report
   (b) Types of Bibliography
   (c) Blind, double blind and open peer review
   (d) Simulation Models
   (e) Explanatory and conclusive research.

6. Waste disposal is one of the major problems faced by urban population. You are asked to study the waste disposal problem in a one of the cites. Explain how will you conduct a research study to provide solution to this problem. (10 Marks)