Instructions: Answer Question 1 (compulsory) and any three questions

Question 1
Give a brief account of Epidemiological approaches of :

a) Descriptive Epidemiology
   7.5 marks

b) Analytical Epidemiology
   7.5 marks

Question 2

a) What is molecular Epidemiology? 
   3 marks

b) Explain the applications of molecular epidemiology
   12 marks

Question 3
Explain briefly the Concepts and principles of Epidemiology
15 marks

Question 4
Give an account of factors should to consider when the adopting the screening technique:

a) Cancers
   7.5 marks

b) Cardiovascular Diseases
   7.5 marks

Question 5
Discuss the patterns of occurrences of Non-communicable diseases and communicable diseases
15 marks

Question 6
Discuss Measurements of disease frequency
15 marks