



Department of Community Medicine

(Class test # 6) Time = 50 min. marks=100

Attempt all questions

- 1) Define the following: (20)
 - a) Gene
 - b) Gene mutation
 - c) Allele
 - d) Phenotype
 - e) Genetic counseling

- 2) Describe the following: (10,10)
 - a) Who should have genetic counseling and what is its community health importance.
 - b) What do you understand by "X-linked disease" give at least three examples.

- 3) (15,5)
 - a) Define screening, what are its types, uses
 - b) What is the criteria for screening

- 4) (8,8,4)
 - a) Differentiate between Specificity and sensitivity
 - b) Differentiate between False negative and false positive
 - c) Keeping screening in mind what do you understand by the term "YIELD"?

- 5) Why smoking is a public health importance? What are its hazards (20) and how it can be prevented? Explain.