

DEPARTMENT OF COMMUNITY MEDICINE
AZRA NAHEED MEDICAL COLLEGE
SUPERIOR UNIVERSITY. LAHORE

50

SEQs

CLASS TEST # 2

(28-11-2014)

MARKS = 50

TIME = 60 minutes

INSTRUCTIONS:

1. Attempt all questions
2. Use only black/blue ink pen or ball point

24

- Q1. What are different epidemiological studies, what is a descriptive study and how it is conducted?
- Q2. a) Define EPIDEMIOLOGY (01)
 b) What are the characters of case control studies (04)
- Q3. In a case control study it was found that out of 88 smokers, 22 developed Ischemic heart disease, whereas out of 100 non-smokers, 5 developed Ischemic heart disease
- Q4. a) Make contingency table (01)
 b) Calculate Odds ratio and relative risk with interpretation (04)
- Q4. What causal inferences an epidemiologist should use to examine the cause and effect association for a disease and a risk factor. *cause & effect relationship (in J. Park) (person time relation) (05)*
- Q5. In a study to determine the failure rate of contraceptives, 30 couples were observed for 3 years, 40 for 2 yrs, 10 for 1 1/2 yrs and 30 for 6 months. During observation conception took place in 20 couples. *(Cohort study)*
 Calculate the failure rate of contraceptives (05) ★
- Q6. A group of medical students visited a village area and observed some nutritional deficiencies. How would you access the nutritional status of that community? ★ (05) - *Direct (Anthropometric)*
- Q7. How will you investigate a case of food poisoning in a hotel? ★ (02) - *Indirect (Food consumption)*
 What preventive measures will you recommend to prevent food poisoning in future? *(remove toxins) (03)*
- Q8. A 10 years old child was brought to the OPD with complaint of difficulty in walking. On examination, the physician observed bowing of legs and pigeon shape chest *vit D*
 (a) Name the condition and deficiency of vitamin involved? ★ *(Food + sunlight)*
 (b) What preventive measures would you advise to the mother to prevent her child from this condition? ★
- Q9. (a) Define malnutrition? (1) ★
 (b) Make comparison between Marasmus & Kwashiorkor (4) ★
- Q10. Considering the case of Hepatitis-A, write down the following: *Hep-A virus*
 (a) Causative agent (1)
 (b) Mode of transmission (1) *feco-oral route*
 (c) Prevention and control (Primary, Secondary and Tertiary) (3)

Q7: *Empirical food poisoning - called food sample - Breakfast, lunch & dinner (bring) - send*

Py 20

Py 1 - 20 = 10.1