

DIPLOMA IN PUBLIC HEALTH (DPH) EXAMINATION
EPIDEMIOLOGY, BIOSTATISTICS AND CARE OF SPECIAL GROUPS

Q.P. Code: 343082

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Briefly describe steps in conducting a cross sectional study to estimate the prevalence of smoking tobacco among young men in a rural block and list its limitations.
2. Discuss the vector control measures in prevention of diseases transmitted by culex mosquito.

II. Write notes on:

(10 x 7 = 70)

1. State the differences between case-control and cohort studies.
2. Write briefly on the importance of obtaining 'Informed consent' before recruiting human participants into a clinical trial.
3. Discuss the relevance of 'Herd immunity' in disease control
4. Write briefly on the epidemiology of diphtheria and its control measures.
5. Discuss the newer strategies in tuberculosis control.
6. Write briefly on community-based interventions for prevention of risk factors for non-communicable diseases
7. List the indicators for evaluating an immunization program in a primary health program.
8. List the diseases transmitted through rodents. Write briefly on anti-rodent measures
9. Discuss the preventable causes of mental illness and suggest possible interventions
10. Discuss the role of diet in prevention of cardio-vascular accidents

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I. Elaborate on:

(2 x 15 = 30)

1. Define pandemic. Describe international health actions to limit the transmission of a pandemic of a 'flu' like fever.
2. Classify studies in epidemiology. Write and describe the steps of a cohort study using a suitable example.

II. Write notes on:

(10 x 7 = 70)

1. Bias in case control studies.
2. Control of diphtheria.
3. Various levels of prevention offered for coronary artery disease.
4. Newer initiatives in trauma care in Tamilnadu.
5. Newer initiatives in control of poliomyelitis in India.
6. Herd immunity.
7. Discuss the role of rehabilitation in leprosy.
8. Write about anti rabies vaccination.
9. Anti-larval measures in mosquito control.
10. Community diagnosis.
