

[LQ 1536]

AUGUST 2020  
(MAY 2020 SESSION)

Sub. Code: 3082

**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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