



FORM

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SYNOPSIS

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SYNOPSIS OF INFECTIOUS DISEASES, EPIDEMIOLOGY, PARASITOLOGY AND TROPICAL DISEASES FIFTH YEAR MEDICAL STUDENTS

1. INFECTIOUS DISEASE, EPIDEMIOLOGY: DEFINITION, SUBJECTS, AIMS.
2. CHAIN OF INFECTION: DEFINITION, LINKS, SPORADIC, ENDEMIC, EPIDEMIC, PANDEMIC.
3. SOURCES AND RESERVOIRS OF INFECTION, HUMAN SOURCE, CASE AS A SOURCE OF INFECTION.
4. SOURCES AND RESERVOIRS OF INFECTION, HUMAN SOURCE, CARRIER AS A SOURCE OF INFECTION.
5. SOURCES AND RESERVOIRS OF INFECTION, ANIMAL RESERVOIR. ZOOZOSES.
6. SOURCES OF INFECTION WATER AND FOOD.
7. SOURCE OF INFECTION. SOIL AND AIR.
8. SOURCE OF INFECTION: BODY FLUIDS, BIOLOGICAL PRODUCTS. TRANSPLANTS.
9. SOURCE OF INFECTION. INAMINATE MATTERS: FOMITIES. MEDICAL EQUIPMENT. MEDICAL INSTRUMENTS ETC.
10. MODES OF TRANSMISSION. DEFINITION. CLASSIFICATION.
11. MODES OF TRANSMISSION. DIRECT TRANSMISSION.
12. MODES OF TRANSMISSION. INDIRECT TRANSMISSION.
13. VECTORS. LICE. FLEAS. MOSQUITOS. TICKS. PUBLIC HEALTH IMPORTANCE.
14. SUSCEPTIBLE HOST IMMUNITY: DEFINITION. TYPES OF IMMUNITY. HERD IMMUNITY.
15. CHAIN OF INFECTION. INFLUENCE OF ENVIRONMENTAL FACTORS. SEASONAL AND SECULAR TRENDS.
16. TYPES OF EPIDEMICS: WATER-BORN, FOOD-BORN EPIDEMICS.
17. TYPES OF EPIDEMICS: AIR-BORN, VECTOR BORN EPIDEMICS.
18. ACTIVE AND PASSIVE IMMUNIZATION.
19. IMMUNIZATION SCHEDULES.
20. DISINFECTION. DEFINITION. TYPES. METHODS. DISINFECTANTS.
21. DISINFECTION. DEFINITION. TYPES. METHODS. INSECTICIDES.
22. RODENT CONTROL. DEFINITION. TYPES. METHODS. RODENTICIDES.
23. PREVENTION AND CONTROL OF INFECTIOUS DISEASES.
24. GLOBAL AND NATIONAL EPIDEMIOLOGICAL CONTROL. ELIMINATION AND INFECTIOUS DISEASES.
25. INFECTION, INFECTIOUS PROCESS (DEFINITION, ROLE OF MICRO-, MACROORGANISM, AND ENVIRONMENT IN INFECTIOUS PROCESS)
26. INFECTIOUS DISEASE - PERIODS, FEATURES IN THE COURSE OF INFECTIOUS DISEASES
27. CLINICAL METHODS, LABORATORY TESTS AND INSTRUMENTAL INVESTIGATIONS FOR DIAGNOSIS OF INFECTIOUS DISEASES.
28. ETIOLOGIC DIAGNOSIS OF VIRAL DISEASES



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THE PRESENTATION IN INFECTIOUS DISEASE EPIDEMIOLOGY EXAMINATION SHOULD BE MADE AS FOLLOWS:

- 1. DISEASE DEFINITION.
- 2. PROBLEM STATEMENT.
GEOGRAPHICAL DISTRIBUTION.
INCIDENCE.
- 3. ETIOLOGY.
- 4. EPIDEMIOLOGICAL DETERMINANTS:
 - 4.1. SOURCE /RESERVOIR/ OF INFECTION
 - 4.2. MODE OF TRANSMISSION
 - 4.3. SUSCEPTIBILITY. IMMUNITY.
 - 4.4. ENVIRONMENTAL FACTORS. SEASONALLTY. SECULAR TRENDS.
- 5. PREVENTIVE STRATEGIES.
- 6. CONTROL MEASURES:
 - ABOUT THE CASE
 - ABOUT THE CONTACTS
 - ABOUT THE ENVIRONMENT