**EXAMINATION SYNOPSIS**

**FOR SEMESTER EXAMINATION IN ACADEMIC YEAR 2019/2020**

**IN**

**„INFECTIOUS DISEASES, PARASITOLOGY AND TROPICAL MEDICINE ”**

**WITH STUDENTS AT MU-PLEVEN**

**SPECIALTY: MEDICINE**

33. INFECTION, INFECTIOUS PROCESS (DEFINITION, ROLE OF MICRO-, MACROORGANISM AND ENVIRONMENT IN INFECTIOUS PROCESS).

34. INFECTIOUS DISEASE – PERIODS, FEATURES IN THE COURSE OF INFECTIOUS DISEASES.

35. SYNDROMES IN INFECTIOUS DISEASES

36. CLINICAL METODS, LABORATORY TESTS AND INSTRUMENTAL INVESTIGATIONS FOR DIAGNOSIS OF INFECTIOUS DISEASES.

37. ETIOLOGIC DIAGNOSIS OF BACTERIAL AND VIRAL DISEASES.

38. ETIOLOGIC TREATMENT OF INFECTIOUS DISEASES WITH BACTERIAL ETIOLOGY – ANTIBIOTICS. SIDE EFFECTS.

39. ETIOLOGIC TREATMENT OF INFECTIOUS DISEASES WITH BACTERIAL ETIOLOGY – CHEMO-THERAPEUTIC DRUGS. SIDE EFFECTS.

40. ETIOLOGIC TREATMENT OF INFECTIOUS DISEASES WITH VIRAL ETIOLOGY.

41. IMMUNOTHERAPY, VACCINAL THERAPY AND IMMUNOPROPHYLAXIS OF INFECTIOUS DISEASES. SIDE EFFECTS AND REACTIONS OF ANTIBIOTIC TREATMENT AND AFTER ADMINISTRATION OF ANTITOXINS AND IMMUNOSTIMULATING DRUGS – SERUM SICKNESS, ALLERGIC SHOCK ETC.

42. SUPPORTIVE TREATMENT OF INFECTIOUS DISEASES – FLUID-SALINE REPLACEMENT, SUPPORTIVE TREATMENT OF BRAIN OEDEMA, ACUTE RENAL FAILURE, ACUTE CARDIOVASCULAR FAILURE.

43. TYPHOID FEVER.

44. FOOD TOXIINFECTIONS – SALMONELLOSIS.

45. GASTROINTESTINAL INFECTIONS WITH VIRAL ETIOLOGY – ROTAVIRUS, ADENOVIRUS, NORWALK GASTROENTERITIS

46. SHIGELLOSIS.

47. COLIENTERITIS. CLOSTRIDIUM DIFFICILE ENTEROCOLITIS.

48. CHOLERA.

49. BOTULISM

50. BRUCELLOSIS.

51. LEPTOSPIROSIS.

52. VIRAL HEPATITIS “A” AND VIRAL HEPATITIS “E”.

53. VIRAL HEPATITIS “B” AND VIRAL HEPATITIS “D”.

54. ACUTE LIVER FAILURE.

55. VIRAL HEPATITIS “C”.

56. HIV / AIDS.

57. DIPHTHERIA. SCARLET FEVER.

58. MEASLES. RUBELLA.

59. CHICKENPOX. HERPES ZOSTER (SHINGLES).

60. INFECTIOUS MONONUCLEOSIS (EPSTEIN-BARR’ DISEASE).

61. INFLUENZA. OTHER RESPIRATORY INFECTIOUS DISEASES. PARAINFLUENZA. RESPIRATORY SYNCITIAL VIRUS INFECTION. ADENOVIRUS INFECTION.

62. PERTUSSIS.

63. MUMPS (PAROTITIS).

64. MENINGOCOCCAL DISEASE. CLINICAL FORMS OF MENINGOCOCCAL DISEASE.

65. SECONDARY BACTERIAL MENIGITIS AND MENINGOENCEPHALITIS – MENINGITIS CAUSED BY STREPTOCOCCUS PNEUMONIAE, STAPHYLOCOCCUS, ECHERICHIA COLI..

66. PRIMARY AND SECONDARY VIRAL MENINGITIS AND MENINGOENCEPHALITIS – ENTEROVIRAL, LYMPHOCYTARY CHORIOMENINGITIS, INFLUENZA, WEST-NYLE ENCEPHALITIS, HERPES VIRAL.

67. POLIOMYELITIS.

68. TULAREMIA.

69. EPIDEMIC (LOUSE-BORNE) TYPHUS FEVER.

70. Q-FEVER.

71. BOUTONNEUSE FEVER.

72. CONGO-CRIMMEAN HEMORRHAGIC FEVER.

73. HAEMORRHAGIC FEVER WITH RENAL SYNDROME.

74. YELLOW FEVER.

75. ORNITHOSIS (PSITACOSIS).

76. ANTHRAX.

77. TETANUS.

78. RABIES.

79. LYME DISEASE.  
80. Pneumocystosis  
81. amebiasis  
82. acanthamebiasis. negleriosis  
83. giardiasis  
84. urogenital trichomoniasis  
85. toxoplasmosis  
86. enterobiasis  
87. ascariasis  
88. trichocephalosis  
89. toxocariasis  
90. trichinellosis  
91. strongyloidosis  
92. taeniasis and cysticercosis  
92b. Taeniarhynchosis   
93. hymenolepidosis  
94. echinococcosis  
95. INDICATORY PARASITOSES FOR AIDS  
96. malaria – etiology, biological cycle, pathogenesis and clinical presentation   
96b. MALARIA - clinical presentation, COMPLICATIONS, DIAGNOSIS, TREATMENT, PROPHYLACTICS AND CONTROL   
97. VISCERAL LEISHMANIASIS

98. CUTANEOUS AND MUCOCUTANEOUS LEISHMANIASIS: LEISHMANIASIS OF THE OLD WORLD AND LEISHMANIASIS OF THE NEW WORLD.

99. LYPHATIC FILARIASIS. WUCHERIASIS. BRUGIASIS.

100. ONCHOCERIASIS, RIVER BLINDNESS.

101. LOAOSIS.

102. DRACUNCOLOSIS, DRACONTIASIS, GUINEA WORM.

103. SCHISTOSOMIASIS UROGENITALIS.

104. SCHISTOSOMIASIS INTESTINALIS.

105. AFRICAN TRYPANOSOMIASIS.

106. AMERICAN TRYPANOSOMIASIS.

107. ANCYLOSTOMIASIS.

108. DIARRHEA SYNDROME IN THE TROPIC CAUSED BY PARASITES.

109. DENGUE.

110. SANDFLY FEVER.

111. MOSQITO-BORNE ENCEPHALITIS.

112. TICK-BORNE ENCEPHALITIS.

113. PLAGUE.

114. LEPROSY.

115. BARTONELLOSIS.

116. CAT-SCRATCH DISEASE

**REMARK:**

**The questions of epidemiology (from 1 to 32), clinic of infectious diseases, parasitology and tropical medicine (questions from 33 to 116) should be presented in the following order:**

**Epidemiology –** definition, short history, geographical distribution, incidence, source/reservoir of infection, mechanisms and routes of transmission, susceptibility and immunity, characteristic of epidemiological process, prevention and strategies of combat (questions from 33 to 79).

**Infectious Diseases –** etiology, epidemiology, pathogenesis, pathomorphology, clinical features, diagnosis, differential diagnosis, treatment, prevention (questions from 33 to 79).

**Parasitology –** etiology, epidemiology, pathogenesis, pathomorphology, clinical features, diagnosis, differential diagnosis, treatment, and prevention (questions from 80 to 107).

**Tropical Medicine –** etiology, epidemiology, pathogenesis, pathomorphology, clinical features, diagnosis, differential diagnosis, treatment, and prevention (questions from 108 to 116).

**REFERENCES:**

1. Galya Gancheva. INFECTIOUS DISEASES – TEXTBOOK FOR MEDICAL STUDENTS. Volume 1. Medical University – Pleven, 2019. ISBN-978-954-756-226-4
2. Galya Gancheva. INFECTIOUS DISEASES – TEXTBOOK FOR MEDICAL STUDENTS. Volume 2. Medical University – Pleven, 2019. ISBN-978-954-756-227-1
3. Principles and Practice of Infectious diseases. Gerald L. Mandell, John E. Bennett, Raphael Dolin, 2000 vol. I – 1-1534, vol. II – 1536-3263.
4. Microbiology and Infectious Diseases, 3rd edition. Gabriel Virella, ed. B.I. Waferly Pvt Ltd., 1998. ISBN 81-7431-036-3

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