

# Portal:Questions for final examination in Infectology (1. LF UK, GM)

1. Staphylococcal infections including toxic shock syndrome
2. Infections due to group B streptococci, enterococci, and viridans streptococci
3. Pneumococcal infections
4. Scarlet fever and toxic shock syndrome
5. Erysipelas, cellulitis and necrotizing fasciitis
6. Streptococcal tonsillopharyngitis
7. Diphtheria and differential diagnosis of acute tonsillopharyngitis
8. Listerial infections
9. Diseases caused by food-borne enterotoxins ("food poisoning") and botulism
10. Tetanus including prevention and prophylaxis
11. Pseudomembranous colitis
12. Infections due to Haemophilus influenzae and H. parainfluenzae
13. Cholera and infections due to non-cholera Vibrio
14. Campylobacteriosis and infections due to Yersinia enterocolitica
15. Pertussis and related diseases
16. Legionnaires' disease and related illnesses
17. Salmonellosis and shigellosis
18. Typhoid fever and related enteric fevers
19. Infections due to Escherichia coli
20. Plague, anthrax and brucellosis
21. Anaerobic soft-tissue infections
22. Mycobacteriosis and actinomycosis
23. Leptospirosis and infections due to hantavirus
24. Lyme disease
25. Tularemia
26. Chlamydia infections
27. Rickettsiosis and ehrlichiosis
28. Mycoplasma infections
29. Infections due to herpes simplex virus type 1 and 2
30. Infections due to varicella-zoster virus
31. Infectious mononucleosis
32. Infections due to cytomegalovirus
33. Mumps
34. Measles and rubella
35. Fifth disease and roseola infantum
36. Infections due to enteroviruses including acute poliomyelitis
37. Influenza and parainfluenza
38. Rabies including prevention and prophylaxis
39. Tick-borne encephalitis and other arboviral encephalitides
40. Dengue fever, chikungunya and yellow fever
41. Epidemiology of viral hepatitis including prevention and prophylaxis
42. Symptoms, signs and laboratory features of viral hepatitis
43. Liver injury in infectious diseases (excluding viral hepatitis)
44. Epidemiologic features of HIV infection and follow-up of HIV positive patients
45. Natural history of HIV infection
46. Opportunistic infections and neoplasms in persons with AIDS
47. Viral diarrhoeal diseases
48. Candidiasis
49. Cryptococcosis, aspergillosis and pneumocystosis
50. Amoebiasis, giardiasis and cryptosporidiasis
51. Malaria
52. Toxoplasmosis and toxocariasis
53. Leishmaniasis and schistosomiasis
54. Enterobiasis, ascariasis, taenioses and trichinellosis
55. Sepsis and septic shock
56. Kawasaki syndrome
57. Infective endocarditis
58. Infections in i.v. drug users
59. Infectious diseases in intensive care
60. Meningism, lumbar puncture and CSF examination
61. Meningitis in newborns and infants
62. Purulent meningitis in adult patients
63. Invasive meningococcal infections
64. Aseptic meningitis and acute meningoencephalitis
65. Guillain-Barré syndrome
66. Upper respiratory tract infections (excluding influenza)
67. Acute epiglottitis and subglottic laryngitis

68. Community-acquired pneumonia - etiology and treatment
69. Atypical pneumonia
70. Diagnosis and therapy of urinary tract infections
71. Infections in patients with neutropenia, complement deficiency and asplenia
72. Infections in patients with cellular and humoral immunodeficiency
73. Congenital and perinatal infections (TORCH)
74. Infections in pregnancy, elderly and patients with diabetes mellitus
75. Nosocomial infections and bacteria multiresistant to antibiotics
76. Traveler's diarrhea and prevention of food-borne infections in tropics and subtropics
77. Disease prevention in travelers (including recommended vaccinations)
78. Erythema multiforme, Stevens-Johnson syndrome, erythema nodosum
79. Fever and its treatment strategy
80. Fever of unknown origin - FUO (etiology and work-up)
81. Differential diagnosis of febrile illness in tropical and subtropical areas
82. Differential diagnosis of maculopapular rash
83. Differential diagnosis of vesiculopustulous rash
84. Differential diagnosis of adenopathy
85. Differential diagnosis of jaundice
86. Oral manifestations of infectious diseases
87. Laboratory inflammatory markers
88. Collection and interpretation of blood culture
89. Biological weapons and bioterrorism (small pox, anthrax, lassa, ebola)
90. Management of health care in ID department including highly dangerous infections
91. Basic principles of the anti-infectious immunity
92. Routine vaccination schedule
93. Immunizations in high-risk persons and during outbreaks
94. Human IgG in treatment of infectious diseases
95. Principles of empiric antimicrobial therapy
96. Natural penicillins
97. Broad-spectrum penicillins and carbapenems
98. Cephalosporins
99. Macrolides and azalides
100. Lincosamides
101. Tetracyclines, tigecycline and chloramphenicol
102. Aminoglycosides
103. Quinolones and nitrofurantoin
104. Sulfonamides and trimethoprim
105. Rifamycine, glycopeptides and linezolid
106. Metronidazole, mebendazole, fluconazole, amphotericinB
107. Anti-staphylococcal drugs
108. Antiviral therapy of herpetic infections and influenza
109. Antiviral therapy of viral hepatitis and HIV disease
110. Interferon and steroids in therapy of infectious diseases