

Sample Question Paper

B.Sc Sem VI

Paper - CC - 13 Medical Microbiology

A. Short answer type Questions -

- Q1) Write a short note on Polio disease & its mode of transmission.
- Q2) Write a note on complement fixation test.
- Q3) Discuss immunofluorescence technique.
- Q4) Write a short note on Normal microflora of the human body.
- Q5) What do you understand by "opportunistic infections"?
- Q6) Discuss the different types of infections caused by Staphylococcus aureus.
- Q7) Comment on Nosocomial infections.
- Q8) How do viruses cause disease?
- Q9) Comment on infectivity caused by various bacteria (pathogens).
- Q10) Define Pathogen & comment on Pathogenicity.
- Q11) Write a short note on Exotoxins.
- Q12) What are the positive and negative roles E. coli plays in a host body?
- Q13) Define 'Virulence'?
- Q14) What all does a medical microbiologist studies?
- Q15) How does the transmission of infection takes place?
- Q16) What do you understand by the term 'Carriers' explain with its types.
- Q17) What all can be the prophylaxis & control of various respiratory diseases.
- Q18) What are the pathophysiological effects of LPS.
- Q19) Why do most gram -ve bacteria cause fatal diseases?
- Q20) What do you understand by the term "Agglutination". Explain with some examples.

B. Long Answer type Questions

- Q1) Discuss symptoms and mode of transmission, prophylaxis and control of AIDS.
- Q2) Explain PCR with two modifications to PCR technique.
- Q3) Briefly discuss ELISA along with its types.
- Q4) Discuss Malaria - symptoms, mode of transmission, prophylaxis and control.
- Q5) Discuss Kala-azar, symptoms, mode of transmission, prophylaxis and control.
- Q6) Explain the pathogenesis caused by Mycobacterium tuberculosis.
- Q7) Comment on Tetanus disease.
- Q8) State the importance of normal microflora of skin, throat, gastrointestinal tract, urogenital tract.
- Q9) Discuss Syphilis disease in detail.
- Q10) Who discovered Bacillus anthracis. Also write about the disease which is caused by it in detail.