

- What is mode of transmission/ complications of common cold
- List possible causative agents for pharyngitis and tonsillitis
- How streptococcus pyogenes cause disease
- What are spreading factors of streptococcus pyogenes
- What are cell-associated virulence factors of streptococcus pyogenes
- List Causative agents of otitis media
- List risk factors/ treatment of fungal sinusitis
- List virulence factors of H.influenza
- Mention the function of hemagglutinin- neuraminidase (HN), and fusion (F) Proteins.
- Enumerate virulence factors of B.pertussis
- What is the preferably culture for B.pertussis
- What are the possible complications of whooping cough
- Mention the integral membrane proteins of respiratory syncytial virus
- Mention the virulence factor of Mycobacterium TB
- What is the mode of transmission of Mycobacterium TB
- Who are at a high risk for activation of TB infection
- List the advantages or disadvantages of interferon Gamma release assay test
- Enumerate the virulence factors of streptococcus pneumoniae
- Enumerate the virulence factors of Klebsiella pneumoniae
- Enumerate the virulence factors of pseudomonas aeruginosa
- Mention 3 general/special characters of Mycoplasma pneumoniae
- Enumerate the virulence factors of Legionella pneumophila
- How to prevent the infection of Legionella pneumophila
- Enumerate the virulence factors of bacillus anthracis
- Write a short description on Hemagglutinin or Neuraminidase of influenza virus
- Compare between antigenic shift and drift regarding cause and viruses involved
- What are the contents of the quadrivalent vaccine of influenza virus
- Describe the Pathogenesis of Histoplasma capsulatum
- Describe the Pathogenesis of Aspergillus sp.
- How to prevent exposure to environmental fungal spores
- What are the organisms that cause atypical pneumonia with no human to human transmission
- What are the organisms that cause zoonotic disease with atypical pneumonia
- What are the bacteria that cause pneumonia that can be detected in urine
- List the causative agents of typical pneumonia