

## B.Sc Microbiology Assignment Topics

### Paper XIV: Medical Microbiology

**Maximum Marks: 20**

Sl.no	Students Name	Assignment topics
1	Anisha	Normal microflora of the human body: skin and throat.
2	Adeeba	Normal microflora of the human body: gastrointestinal tract and urogenital tract.
3	Sanjukta	Host pathogen interaction: Definition of invasion, parasite, pathogenicity
4	Shaiba	Host pathogen interaction: toxicogenicity, virulence, carriers and their types.
5	Purnima	Host pathogen interaction: nosocomial infections and opportunistic infections
6	Madhumita	Host pathogen interaction: septic shock, transmission and spread of infection
7	Nutan	Sample collection, transport and culturing of clinical sample.
8	Rani	Overview of emerging viral disease: Chikungya and Chandipura
9	Neha	Principles of diagnosis test: ELISA and Immunofluorescence
10	Naveenta	Principles of diagnosis test: Agglutination based tests and PCR
11	Nisha	Principles of diagnosis test : DNA Probes
12	Priti Rai	Bacillus anthracis, Corynebacterium diphtheriae- with reference to pathogenesis, transmission, symptoms, prophylaxis & control
13	Priti Priya	Streptococcus pyogenes and E. coli - with reference to pathogenesis, transmission, symptoms, prophylaxis & control
14	Pallavi	Salmonella typhi and paratyphi and Shigella dysenteriae- with reference to pathogenesis, transmission, symptoms, prophylaxis & control
15	Lalita	Helicobacter pylori and Vibrio cholera- with reference to pathogenesis, transmission, symptoms, prophylaxis and control
16	Poonam	Vibrio cholera and Haemophilus influenza- with reference to pathogenesis, transmission, symptoms, prophylaxis and control
17	Hari	Haemophilus influenza and Nesseria gonorrhoeae- with reference to pathogenesis, transmission, symptoms, prophylaxis and control
18	Ravi	Mycobacterium tuberculosis and Treponema pallidum- with reference to pathogenesis, transmission, symptoms, prophylaxis and control
19	Shivam	Viral disease: Polio, Chicken pox (with reference to symptoms, pathogenesis, transmission, prophylaxis and control)
20	Shubham	Viral disease: Herpes, Hepatitis(with reference to symptoms, pathogenesis, transmission, prophylaxis and control)
21	Suman	Viral disease: Rabies, Bird flu(with reference to symptoms, pathogenesis, transmission, prophylaxis and control)
22	Man Masih	Viral disease: Swine flu, Dengue (with reference to symptoms, pathogenesis, transmission, prophylaxis

**B.Sc Microbiology**  
**Assignment Topics**

**Paper XIV: Medical Microbiology**

**Maximum Marks: 20**

		and control)
23	Rechel	Viral disease: AIDS, Viral cancers (with reference to symptoms, pathogenesis, transmission, prophylaxis and control)
24	Kishore	Overview of emerging viral diseases: Japanese Encephalitis, Ebola
25	Suraj	Overview of emerging viral diseases: Marburg, SARS
26	Akash	Protozoan diseases: Malaria, Kala- azar and Toxoplasmosis
27	Vikas	Different types of mycoses with particular reference to Dermatomycoses and Opportunistic mycoses
28	Harsh	Antimicrobial agents and Mechanisms of action of chemotherapeutic agents.
29	Aaryan sitaram	Principle of drug resistance
29		