



**B. Sc. (MICROBIOLOGY) SEMESTER-V
Paper-I
(Medical Microbiology)**

UNIT-I

Reservoir of Infection

<https://youtu.be/OmL8Nvq9Pl0?si=ubXmZJJVEbqmchO7>

Chain of Infection

<https://youtu.be/9tJOFvnwVAs?si=wYIbh24mUrKf5D4k>

Fomites

<https://youtu.be/q3k-x1LYrQo?si=jXexY1AcpNfkqLZw>

Types of Disease Carriers

<https://youtu.be/9aJYCdRnahQ?si=K9Rk-M78hgU4etLx>

Control of Communicable diseases

<https://youtu.be/iIl8zBQtA5Q?si=GuWkEXE54p8jpkOn>

UNIT-II

Mechanism of Adherence

<https://youtu.be/w8eLxualdXk?si=5JFz7o6JyjmXc wdD>

Microbial mechanism of Pathogenicity

https://youtu.be/2F6bAC3wU2Y?si=07Smrb_IG4bwBzUa



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Exotoxins & Endotoxins

https://youtu.be/2F6bAC3wU2Y?si=07Smrb_lG4bwBzUa

Pathogenicity and Virulence

<https://youtu.be/jieJkIfNnM4?si=dc0yzSKk7FFw5G1u>

UNIT-III

E.coli

<https://youtu.be/svqGp7Z0G1c?si=v-itu5YORtlH1bGB>

S.aureus

<https://youtu.be/KtAkW3mafTU?si=wwW0osUAHafxmbhz>

S. typhi

<https://youtu.be/puAV0ZvWrZg?si=5f6KZr8r97uQLpwM>

Plasmodium

https://youtu.be/BVRnNbb9cLU?si=nI_bf87G2R1aMcaY

Treponema Paliidum

<https://youtu.be/kLaJ-6iUR3E?si=UEGcWopGqwMP40vc>

UNIT-IV

Bacterial Cell Wall Synthesis Inhibitors

<https://youtu.be/AqBSGMJTwP0?si=3MVq68rWhF3FGaue>



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Chloramphenicol Mechanism of Action

<https://youtu.be/vX9EqIqAcIE?si=aqDkzAIwnxF2GOX0>

Bacterial DNA Synthesis Inhibitors

https://youtu.be/2xJ_y3ERvmA?si=mGTZzxO-amG1D0Zm

Antimetabolites Mechanism of Action

https://youtu.be/i-P6DBn3uiA?si=LPrG_5zYGbwHZrh3

Antibiotic Resistance

https://youtu.be/i-P6DBn3uiA?si=LPrG_5zYGbwHZrh3