

MBBS-II(P)-VS-Microbiology-I

2021

Time :As in Programme

Full Marks : 40

The figures in the right-hand margin indicate marks.

*Answer **all** questions.*

1. Define sterilization. Classify various methods of sterilization with examples. Write the principle of autoclave along with labelled diagram. Mention 2 uses & 2 methods for efficiency testing of autoclave.
1+3+4+1+1=10
2. Short notes: 5x4=20
 - a. MRSA
 - b. Type IV hypersensitivity
 - c. Tabulate the differences between strep. Viridans and strep. Pneumoniae
 - d. TRIC agent
3. Brief answers: 2x5=10
 - a. Hybridization principle & one use
 - b. Name the antibacterial agents acting on cell wall.
 - c. DPT vaccine
 - d. MDR-TB
 - e. Classical vs Eltor biotype of vibrio cholerae



MBBS-II(P)-VS-Microbiology-II

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*Answer **all** questions.*

1. Enumerate the causes of urinary tract infection (UTI). Define significant bacteriuria. Discuss the laboratory diagnosis of UTI. 4+1+5=10
2. Short notes: 5x4=20
 - a. Rabies vaccine
 - b. Dermatophytosis
 - c. Laboratory diagnosis of lymphatic filariasis
 - d. Zika virus
3. Brief answers: 2x5=10
 - a. Antigenic drift & shift
 - b. Define STI & enumerate four causes.
 - c. Metabolic inhibition
 - d. Peripheral blood picture of plasmodium falciparum malaria
 - e. ID reaction.

