

Printing Pages :1

Paper Code : MMB-201

C

(SVSU:2023-24/R)

Enrollment No.

MSC (MEDICAL MICROBIOLOGY)

Second year examination

BACTERIOLOGY (PAPER – I)

Paper Code – 201

TIME: 3 HOURS

MAXIMUM MARKS: 100

Note: Attempt all question. Draw neat diagrams wherever required.

I) Long question (60 Marks)

- 1) Enumerate the disease caused by *Staphylococcus aureus*. Write in detail about virulence factors and laboratory diagnosis of *Staphylococcus aureus*. (20)
- 2) Discuss the morphology, clinical disease, and pathogenesis and Laboratory diagnosis of *Vibrio cholerae*. (20)
- 3) Define Enterobacteriaceae. Discuss the laboratory diagnosis of Urinary tract infection. (20)

II) Write Short notes on (30 marks)

- 4) Enumerate methods of diagnosis of Pulmonary tuberculosis (10)
- 5) WIDAL test (10)
- 6) *Pseudomonas aeruginosa* (10)

III) Tabulate difference between (10 marks)

- 7) Enriched media and Enrichment media with examples (5)
- 8) VDRL and RPR (5)

-----XXXXXXXXX-----

Printing Pages :1

Paper Code : MMB-202

A (SVSU:2023-24/R)

Enrollment No.

**MSC (MEDICAL MICROBIOLOGY)
SECOND YEAR EXAMINATION
PARASITOLOGY (PAPER – II)
MMB Code 202**

TIME: 3 HOURS

MAXIMUM MARKS: 100

Note: Attempt all question. Draw neat diagrams wherever required.

I) Long question (60 Marks)

- 1) Discuss the morphology, life cycle, pathogenesis and laboratory diagnosis of Malarial parasite. (20)
- 2) Classify Filarial nematodes. Discuss life cycle and laboratory diagnosis of *Wuchereria bancrofti*. (20)
- 3) Write in detail about Hydatid disease. (20)

II) Write Short notes on (30 marks)

- 4) Extra intestinal Amoebiasis (10)
- 5) *Naegleria fowleri* (10)
- 6) *Ascaris lumbricoides* (10)

III) Tabulate difference between (10 marks)

- 7) *Entamoeba histolytica* and *Entamoeba coli* (5)
- 8) *Ancylostoma duodenale* and *Necator americanus* (5)