

2007000102010002
Second Year B.H.M.S
Examination June - 2023
Pathology & Microbiology-(Paper-II)

Seat No:

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Student's Signature

[Time: 3:00 Hours]
Instruction:

1. Write Both the section in separate answer-book.
2. Draw a diagramme wherever necessary.

[Max. Marks:100]

SECTION I

Q.1 Describe morphology, cultural characteristic, pathogenicity, Biochemical reaction, toxin and Lab. Diagnosis of streptococcus (15)

OR

S. Typhi.

Q.2 Explain Pathogenicity, life Cycle and diagnosis of P. Vivax (15)

OR

1. Difference between Amoebic and Bacillary Dysentery. (8)
2. Lab Diagnosis of Hook Worm. (7)

Q.3 Write Short Notes: (Any Three)

1. Life cycle of E. Vermicularis.
2. Hydatid Cyst.
3. Examination of Urine.
4. Complement Fixation Test.
5. Relationship between Host and Parasite. (15)

Q.4 Short Answer:

1. Write name of 2 Gram -Ve Bacteria.
2. Name the Bacteria Causing Syphilis.
3. _____ bacteria can produce spore.
4. Full form of H.I.V.
5. Define Parasite. (5)

SECTION-II

Q.1 Explain the morphology pathology and prevention of rabies virus. (15)
OR

Explain Dengue virus in detail. (15)

Q.2 Explain staining and its types in detail. (15)
OR

Answer the following:

- 1) Sterilization. (07)
- 2) Hypersensitivity. (08)

Q.3 Short notes: (Any 3) (15)

- 1) Active immunity.
- 2) Different types of microscope.
- 3) Culture media -types.
- 4) Morphology of virus.
- 5) Antigen.

Q.4 Write the Answer: (05)

- 1) Rod shape of bacteria known as-----(**Bacilli/ Cocci**)
- 2) Which is the DNA virus-----(**herpes/Rabies**)
- 3) When bacteria arranged in pair that is known as-----(**Diplococci/ Spirochaetes**)
- 4) Specific substance which is produced in response to antigen is known as----. (**Antigen/ Antibody**)
- 5) Full form of DNA.