

Paper / Subject Code: 2007000102010002 / PATHOLOGY & MICROBIOLOGY (PAPER - II)

2007000102010002

Second Year B.H.M.S.

Examination March-2023

Pathology & Microbiology Paper-II

Seat No:

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Student's Signature

[Time: Three Hours]

[Max. Marks: 100]

Instructions:

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

Section-I

Q.1 Describe morphology, cultural characteristic, pathogenicity, and Lab. Diagnosis of Pneumococcus OR Gonococcus 15

Q.2 Explain Pathogenicity life Cycle and diagnosis of E. Histolytica 15
OR

Describe following

1. Life cycle of Ancylostoma Duodenale 8
2. Giardia 7

Q.3 Write Short Notes (Any Three) 15

1. Fungi
2. Lab Diagnosis of Kala Azar
3. Bacterial Growth Curve
4. Enteric Fever
5. Lab. Diagnosis of Tuberculosis

Q.4 Short Answer 5

1. _____ is Gram negative bacteria (Staphylococci, Salmonella typhi)
2. _____ bacteria is responsible Rheumatic Heart disease.
3. Full Name of GGT.
4. Full form of MT.
5. Define capsule.

Section -II

Q.1 Explain the morphology and classification of Virus 15
OR

Explain Varicella Zoster Virus in detail

Q.2 Explain immunity and its types in detail 15
OR

Answer the following

1. Anatomy of Bacteria 07
2. Differential Staining 08

Q.3 Short notes (Any 3)

15

1. Flagella
2. Source of infection
3. Autoclave
4. Morphology of HBV
5. Ag-Ab Reaction

Q.4 Write the Answer

05

1. Spherical shape of bacteria known as-----(Bacilli/ Cocci)
2. Which is the DNA virus----- (HBV/Rabies)
3. When flagella arranged at one pole of bacterial wall is known as ---- (Monotrichus/Peritrichous)
4. Any substance which is protein in nature and foreign to body is known as---- (Antigen/ Antibody)
5. Full form of AIDS