

28 OCT 2025

10318
SECOND B.H.M.S. EXAMINATION
PATHOLOGY PAPER-II

Time: 3 hours

Total Marks:100

Instructions:

- All questions are compulsory
 - Write both sections in separate answer sheets
- Draw diagram wherever necessary
Figures to the right indicates full marks

SECTION- I

- Q - 1 Define sterilization in detail with various methods of sterilization. 15
- OR
- Q - 1 Explain morphology, life cycle, pathogenesis, investigation of *E.histolytica*. 15
- Q - 2 Define morphology, cultural characteristics and pathogenesis of *streptococcus pneumococci*. 15
- OR
- Q - 2 Write Note on
1 Pathogenesis of *Bordetella Pertusis* 08
2 Life cycle of *Ascaris Lumbricoids* 07
- Q - 3 Write Short Notes (Any Three) 15
1. Z-N stain
 2. Lab diagnosis of Kala Azar
 3. Autoclave
 4. Flagella
 5. Hydatid Cyst
- Q - 4 Write only definition 05
1. Give name of host required by plasmodium species to complete life cycle.
 2. Amoebic dysentery caused by _____.
 3. Define window period.
 4. *T.Vaginalis* causes _____.
 5. Amoebic dysentery caused by _____.

SECTION- II

- Q - 1 Classify hepatitis virus. Describe in detail disease caused by it with treatment and prophylaxis. 15
- OR
- Q - 1 Describe in detail HIV. 15
- Q - 2 Describe polio virus, its morphology, pathogenesis, clinical features and lab diagnosis in detail. 15
- OR
- Q - 2 Write Note on
A. Hypersensitivity 08
B. Classification of immunoglobulins. 07
- Q - 3 Write Short Notes (Any Three) 15
1. Mantoux's test
 2. Vaccines
 3. Ag-Ab reaction
 4. Glycosuria
 5. Miasmatic approach of diabetes.
- Q - 4 Write only definition 05
1. Name anaerobic bacteria.
 2. Liquid media contains _____.
 3. Chicken pox is caused by _____.
 4. Autoclave comes under which type of sterilization?
 5. Motile bacilli _____, _____.