

Second Professional BHMS Degree Supplementary Examinations
May 2025
Pathology, Microbiology and Parasitology – II
(2015 Scheme)

Time: 3 hrs**Max marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers*
 - *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary • Write Part A and Part B in one answer book*

PART - A**Essay****(14)**

1. Explain the morphology, pathogenesis and laboratory diagnosis of *Salmonella typhi* (2+6+6)

Short Essay**(3x7=21)**

2. Describe the pathogenesis and complications of *Bordetella pertussis*.
3. Describe the morphology of *Hydatid cyst*
4. Describe the pathogenesis of *Ascaris lumbricoides*

Answer briefly**(5x3=15)**

5. Enlist the Morphological classification of fungi
6. State five differences between amoebic and bacillary dysentery
7. Enlist the clinical features of Malaria
8. What is Water can Perineum
9. What is NIH swab.

PART – B**Essay****(14)**

10. Describe the morphology, pathogenesis and Laboratory diagnosis of Human Immunodeficiency virus (3+6+5)

Short Essay**(3x7=21)**

11. Describe the pathogenesis of varicella
12. Define sterilization. Explain the various methods of Dry heat sterilisation
13. Describe the morphology and pathogenesis of Rhabdovirus

Answer briefly**(5x3=15)**

14. Define Immunity. State three features of Active immunity
15. Define Virion
16. Draw and label a bacteriophage
17. List three complications of Rubella
18. List three classical features of Dengue fever.