

**Second Professional BHMS Degree Regular/Supplementary Examinations
April 2024**

**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. Describe the life cycle, pathogenesis and clinical features of taenia solium. (4+5+5)

Short Essay (3x7=21)

2. Differentiate bacillary and amoebic dysentery
3. Describe the lab diagnosis of Salmonella Typhi
4. Sketch the structure of a bacterial spore

Answer briefly (5x3=15)

5. List the suppurative lesions of streptococci
6. Enlist the types of bacteria according to their shape
7. Explain the procedure of gram staining
8. Enlist the aerobic culture methods
9. Describe the morphology of adult worm of ascaris lumbricoides

PART – B

Essay (14)

10. Describe the morphology, pathogenesis and clinical features of Human Immunodeficiency Virus (3+5+6)

Short Essay (3x7=21)

11. Describe the clinical manifestations and complications of measles
12. Enumerate the properties of innate immunity
13. Explain the various methods of dry heat sterilization

Answer briefly (5x3=15)

14. Enlist the lab diagnosis of dengue fever
15. Explain briefly two mechanisms of autoimmunity
16. Explain briefly the clinical features of kala-azar.
17. Explain briefly complement fixation test
18. Describe Severe Acute Respiratory Syndrome
