

**Second Professional BHMS Degree Supplementary Examinations  
September 2023**

**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 morphology, pathogenesis and laboratory diagnosis of cholera vibrio (4+5+5)

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

2. Describe the Laboratory diagnosis of salmonella typhi
3. Enlist and describe in detail the various culture methods
4. Explain the pathogenesis of Staphylococcus Aureus

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

5. Classify bacteria's according to their shapes
6. List three morphological differences between Taenia saginata and Taenia solium
7. Describe the formation of a bacterial spore
8. Define Transport media. Give two examples
9. Enlist the Pathogenic classification of fungi

**PART – B**

**Essay (14)**

10. Describe the morphology, pathogenesis and clinical features of rabies virus (2+6+6)

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

11. Describe the pathogenesis of polio virus
12. Explain the various methods of chemical disinfection
13. Explain the morphology and pathogenesis of treponema pallidum

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

14. Define and classify immunity
15. Describe the morphology of entamoeba histolytica
16. Enlist the mode of infection of corona virus
17. List and classify oncogenic viruses
18. List three complications of Rubella

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