

**Second BHMS Degree Regular/Supplementary Examinations  
November 2019**

**Pathology, Microbiology and Parasitology – II  
(2015 Scheme)**

Time: 3 hrs

Max marks: 100

- Answer all questions
- Draw diagram wherever necessary
- Write Part A and Part B in one answer book

**PART - A**

**Essay** (14)

1. Describe the lifecycle, pathogenesis, clinical features and laboratory diagnosis of plasmodium vivax. (3+5+4+2)

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

2. Hot air oven.
3. Pathogenesis and laboratory diagnosis of corynebacterium diphtheriae.
4. Classification and diagnosis of leprosy

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

5. Widal test
6. Bacterial mutation
7. Koch's postulates
8. Culture media
9. Pathogenesis of schistosoma haematobium

**PART – B**

**Essay** (14)

10. Enumerate viruses causing hepatitis. Describe in detail about hepatitis B virus infection. (4+10)

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

11. Mechanism of auto immunity.
12. Clinical manifestations of poliomyelitis
13. Complement fixation test

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

14. Inclusion bodies.
15. Oncogenic viruses.
16. Kyasanur forest disease.
17. Interferon
18. Type I hypersensitivity reaction

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