

Q.P.Code 203004

Reg. No.:.....

Second BHMS Degree Supplementary Examinations March 2018

**Pathology and Microbiology Including Parasitology, Bacteriology and Virology -
Paper II**

(2010 Scheme)

Time : 3 hrs

Max marks : 100

- **Answer all questions**
- **Draw diagram wherever necessary**

Essays:

(2x10=20)

1. Describe the morphology of mycobacterium tuberculosis and pathogenesis of primary tuberculosis.
2. Describe the life cycle of ancylostoma duodenale

Short notes:

(10x5=50)

3. Describe the pathogenesis of acute osteomyelitis.
4. Describe the pathogenesis of polio virus infection.
5. Explain aetiopathogenesis of glomerulonephritis.
6. Explain the clinical features of intestinal amoebiasis.
7. Explain the pathogenic effects caused by adult worms of ascaris lumbricoides.
8. Explain the aetiopathogenesis of chronic renal failure.
9. Describe the laboratory diagnosis of acquired immunodeficiency syndrome.
10. Describe the clinical types of leprosy
11. Describe the microscopic features and diagnostic alterations in cerebrospinal fluid in acute pyogenic meningitis.
12. Describe the types of bacterial flagellar arrangement with examples.

Answer briefly:

(10x3=30)

13. List the sequential phases of viral multiplication.
14. List three features of cysticercus cellulosae.
15. Antigenic variations in influenza virus.
16. Explain cholera red reaction.
17. Define sterilisation.
18. Describe complications of rubella virus infection.
19. Mitsuda reaction in lepromin test
20. Clinical types of candidosis.
21. List the definitive host and intermediate host of schistosoma mansoni
22. Define virus and classify viruses based on type of nucleic acid
