

**Q.P.Code 203004**

**Reg. No.:.....**

Second Professional BHMS Degree Examinations -April 2013

Paper II.Pathology and Microbiology Including Parasitology,Bacteriology and Virology

Time :3 hrs

Max marks :100

- Answer all questions
- Draw diagram wherever necessary

**Essays:**

(2x10= 20)

1. Explain the life cycle of ascaris lumbricoides.
2. Describe the morphology, cultural characters and laboratory diagnosis of staphylococci.

(3+4+3=10)

**Short notes:**

(10x5=50)

3. Describe the pathogenesis of rheumatoid arthritis.
4. Describe the morphology of bacteriophage.
5. Describe the parts of NIH swab.
6. Describe the morphology of microfilariae of wuchereria bancrofti.
7. Describe the pathogenesis of polioviruses.
8. Describe the aetiopathogenesis of acute pyogenic meningitis.
9. Classify DNA virus.
10. Explain the features of artificial passive immunity.
11. Describe the procedure and interpretation of mantoux test.
12. Explain the pathogenic effects caused by adult ascaris lumbricoides.

**Answer briefly:**

(10x3=30)

13. Define osteomyelitis. Mention the types based on duration.
14. List the methods employed for cultivation of viruses.
15. Define rostellum and oncosphere of tapeworm.
16. Define facultative anaerobes.
17. Define prostatitis. Mention its aetiology.
18. Explain species diagnosis of taenia saginata and taenia solium in laboratory.
19. Define diphtheria. Name the causative organism of this disease.
20. Classify hypersensitivity reactions.
21. List the sources of infection.
22. State three examples for slide agglutination.

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