

**Q.P.Code 203004**

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

**Second BHMS Degree Supplementary Examinations January 2019**

**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. Explain the morphology, pathogenesis and laboratory diagnosis of salmonella typhi.
2. Explain the life cycle, pathogenesis and laboratory diagnosis of plasmodium vivax

**Short notes:**

**(10x5=50)**

3. Explain type I hypersensitivity
4. Differentiate active and passive immunity
5. Analyse the etiopathogenesis of osteoarthritis
6. Illustrate the morphology of ancylostoma duodenale
7. Enumerate the pathogenesis of wuchereria bancrofti
8. Describe the clinical features of chicken pox
9. Explain the pathogenesis of cholera vibrio
10. Enumerate the laboratory diagnosis of syphilis
11. Explain the pathogenesis of poliomyelitis
12. Describe the pathogenesis of post streptococcal glomerulonephritis.

**Answer briefly:**

**(10x3=30)**

13. Classify bacteria based on shape
14. Explain water-can perineum
15. What is interferon
16. Illustrate lieshmania donovani bodies
17. What is tissue culture
18. Explain Loffler's syndrome
19. Illustrate NIH swab
20. Explain ELISA test
21. List the clinical features of giardiasis
22. List the causes of fibroid uterus.

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