

Second BHMS Degree Supplementary Examinations May 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 morphology, cultural characteristics, pathogenesis and laboratory diagnosis of Salmonella typhi. (2+3+6+3)

Short Essay (3x7=21)

2. Explain the human cycle of plasmodium vivax
3. Explain the toxins produced by staphylococcus aureus
4. Describe the structure of bacteria

Answer briefly (5x3=15)

5. Define Enterobiasis
6. Classify bacteria based on oxygen requirements for growth
7. List the types of culture media
8. Explain the significance of plasmids in bacteria
9. List the morphological classification of fungi

PART – B

Essay (14)

10. Explain the morphology of hepatitis B virus. Describe the pathogenesis of hepatitis B virus infection. (4+10)

Short Essay (3x7=21)

11. Describe the pathogenesis of measles virus
12. Classify agents used in sterilisation
13. Describe the mechanism of type I hypersensitivity reaction

Answer briefly (5x3=15)

14. List the tissues affected by human papillomavirus
15. List the mode of transmission of Rota virus infection
16. Difference between chickenpox and small pox
17. Define vector
18. Define vaccine
