

QP Code: 301019

Reg. No.....

Third Year B.Sc. Medical Microbiology Examinations October 2017

SYSTEMATIC BACTERIOLOGY

Time: 3 Hours

Max. Marks: 100

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

Essay

(2x15=30)

1. Describe the morphology, clinical features, pathogenesis and laboratory diagnosis of tetanus.
2. List the sexually transmitted bacteria. Describe briefly the laboratory diagnosis of syphilis

Short Essay

(2x10=20)

3. Haemophilus influenza meningitis
4. Laboratory diagnosis of cholera

Short Answers

(6x5=30)

5. Leptospirosis – epidemiology and lab. diagnosis
6. Botulism
7. E.coli diarrhoea
8. BCG vaccine
9. Blood culture in enteric fever
10. Hospital acquired infections

Comment on

(10x2=20)

11. Toxic shock syndrome
12. Water borne diseases
13. TPHA
14. Rice water stools
15. Rapid growers of atypical mycobacteria
16. Non –gonococcal urethritis
17. Sample collection in urinary infections
18. Elek's gel precipitation test
19. Staphylococcal scalded syndrome
20. Widal test.
