0064767 K19U 2261

Reg. No. : .....

Name : .....

V Semester B.Sc. Degree (CBCSS- Reg./Sup./Imp.) Examination,

November-2019

(2014 Admn. Onwards)

Core Course in Microbiology

5B 08 MCB: BACTERIAL DISEASES

Time : 3 hours Max. Marks : 40

(Draw diagrams wherever necessary)

SECTION - A

Answer **ALL** questions. Each question carries **1** mark. **(4×1=4)**

1. Satellitism Exhibited by *Haemophilus influenzae* demonstrates the dependence of the organism for ---------- factor.
2. Petroff's concentration method is used for the diagnosis of --------- infection.
3. Weil - Felix reaction is used for the diagnosis of ---------- infection.
4. The enrichment media used for *Vibrio cholerae* is ----------.

SECTION - B

Answer very briefly on any **SEVEN** of the following. Each question carries **2** marks. **(7×2=14)**

5. DOTS treatment
6. Scrub typhus
7. Nagler reaction
8. Bubonic plague
9. Lyme disease

P.T.O.

10. M'Fadyan's reaction
11. Diphtheria toxoid
12. Quellung reaction
13. WIDAL test
14. Rheumatic fever

SECTION - C

Write short notes on any **FOUR** of the following. Each question carries **3** marks. **(4×3=12)**

15. Clinical characteristics of gas gangrene
16. Diarrheagenic strains of *E.coli*
17. Laboratory diagnosis of syphilis
18. Extrapulmonary tuberculosis
19. Pathogenicity of *Helicobacter pylori*
20. Virulence factors of *Staphylococcus aureus*

SECTION - D

Answer any **TWO** of the following. Each question carries **5** marks. **(2×5=10)**

21. Describe the pathogenesis of cholera. Write a note of classification of *Vibrio.*
22. Discuss the spectrum of diseases caused by *Chlamydia trachomatis.* Write a note on laboratory diagnosis of *Chlamydial* infections.
23. Discuss the characteristics and classification of leprosy. Add a note on laboratory diagnosis of leprosy.
24. Discuss the morphological characters of *Neisseria.* Describe pathogenesis and laboratory diagnosis of meningococcal meningitis.
