

**Sub Code: 16RSBE1:1**

**Set: I**

**URUMU DHANALAKSHMI COLLEGE  
TIRUCHIRAPPALLI – 620 019  
B.Sc. Degree Examination, April 2020**

**Department : MICROBIOLOGY**

**Semester : IV**

**Subject Title : Skill Based Elective – CLINICAL BACTERIOLOGY**

**Time: Three Hours**

**Maximum: 75 Marks**

**SECTION-A (10×2=20)**

Answer **ALL** the questions,

1. Antony van leeuwenhoek.
2. Pathogen.
3. Incubation period.
4. MRSA.
5. WIDAL test.
6. STD.
7. Hansen's disease .
8. PPLO.
9. Alcohol.
10. Sterilization.

**SECTION-B (5×5=25)**

Answer **ALL** the questions.

11. a) Give an account on contribution of Robert koch.

Or

b) How to classify the medically important Bacteria.

12. a) Write short note on pathogenecity of *Bacillus anthracis* .  
Or  
b) Write brief note on pathogenesis and controlling measures of Streptococcal infections.
13. a) Brief note on Typhoid disease .  
Or  
b) Give an account on clinical manifestation of Yersinia.
14. a) Write short note on cultural characteristics of Treponema.  
Or  
b) Write briefly on clinical manifestation of Leptospira.
15. a) Brief note on Hospital acquired infections.  
Or  
b) Briefly note on Disinfections.

SECTION-C (3×10=30)

Answer any **THREE** questions.

16. Discuss in detail about the historical development of bacteriology.
17. Write a detailed note on pathogenesis, diagnosis and control measures of Diphtheria.
18. Give an account on pathogenesis, diagnosis and control measures of Cholera.
19. Discuss in detail about the Tuberclosis.
20. Detailed study on antimicrobial agents.

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**Set: II**

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B.Sc. Degree Examination, April 2020**

**Department : MICROBIOLOGY**

**Semester : IV**

**Subject Title : Skill Based Elective – CLINICAL BACTERIOLOGY**

**Time: Three Hours**

**Maximum: 75 Marks**

**SECTION-A (10×2=20)**

Answer **ALL** the questions,

1. Koch postulates.
2. BCG.
3. Endospore.
4. Dental caries.
5. Enteric fever.
6. Endotoxin.
7. Lyme disease .
8. Rickettsiae.
9. Phenol.
10. Disinfection.

**SECTION-B (5×5=25)**

Answer **ALL** the questions.

11. a) Give an account on contribution of Louis pasture .

Or

b) Short notes on pathogenic Bacteria.

12. a) Write short note on pathogenecity of Clostridium .

Or

b) Write brief note on pathogenesis and controlling measures of Staphylococcal infections.

13. a) Brief note on Cholera disease .

Or

b) Give an account on clinical manifestation of Brucellosis.

14. a) Write short note on cultural characteristics of Mycoplasma.

Or

b) Write briefly on clinical manifestation of Chlamydiae.

15. a) Brief note on zoonotic disease .

Or

b) Briefly note on antimicrobial agents.

#### SECTION-C (3×10=30)

Answer any **THREE** questions.

16. Discuss in detail about the steps involved in isolation and identification of bacteria from clinical samples.

17. Write a detailed note on pathogenesis, diagnosis and control measures of Staphylococcus infections.

18. Give an account on pathogenesis, diagnosis and control measures of Typhoid.

19. Discuss in detail about the Influenza.

20. Detailed study on sterilization.

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