

# **2016 Scheme**

**QP Code: 413019**

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

## **Fourth Year B.Sc. Medical Microbiology Degree Regular/Supplementary Examinations January 2025**

### **Paper XII - Clinical Microbiology**

**Time: 3 Hours**

**Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

#### **Essays**

**(2x15=30)**

1. What is endocarditis. Enumerate bacterial causes of endocarditis. Discuss the various predisposing factors of and laboratory diagnosis of endocarditis.
2. Discuss Any Five occupational infectious disease and its prevention and control. Add a short note on laboratory diagnosis of rose gardeners' disease.

#### **Brief Essays**

**(2x10=20)**

3. What are some commonly used automated systems for antimicrobial susceptibility testing in clinical laboratories. Discuss its advantages and limitations.
4. Describe the collection, transport and processing of specimens for laboratory diagnosis of cholera.

#### **Short Answers**

**(6x5=30)**

5. Milk borne diseases
6. Reemerging Infectious diseases
7. Heterophile antibody tests
8. Sputum concentration methods
9. Mycetoma
10. Travelers' diarrhea

#### **Comment on**

**(10x2=20)**

11. Melioidosis
12. Live attenuated vaccines
13. Control strains
14. MALDI-TOF MS
15. Tularemia
16. TPHA Test
17. Atypical pneumonia
18. DPT vaccines
19. Normal upper Respiratory tract flora
20. Black water fever

\*\*\*\*\*