PG Odd Semester (CBCS) Exam., December—2018

MICROBIOLOGY

(3rd Semester)

Course No. : MIBCC–301

(Tarnsitology, Medical and Veterinary Microbiology)

Full Marks : 70
Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks for the questions

Answer **five** questions, taking **one** from each Unit

UNIT—I

1. Describe the life cycle, pathogenesis and treatment of giardia. 14

2. Describe in detail about the life cycle, disease and treatment of *Plasmodium vivax* infection. 14

UNIT—II

3. What is infection? Name different types of infection? Discuss infection cycle. 2+2+10=14

4. Define antibiotics. Explain the classification of antibiotics with example. 2+12=14

UNIT—III

5. Explain the pathogenesis, clinical conditions, diagnosis and treatment of the infection caused by *Neisseria meningitidis*. 3+3+6+2=14

6. Discuss the clinical manifestation, diagnosis and treatment of tetanus. 14

UNIT—IV

7. Describe the symptom, transmission and prevention of plague. 14

8. Describe the clinical condition of cholera with special emphasis on cholera toxin. 14

UNIT—V

9. Describe the infection caused by *Listeria monocytogenes*. 14

10. Write short notes on the following : 7+7=14

(a) Mycoplasma

(b) Chlamydia

★★★