PG Odd Semester (CBCS) Exam., December—2017

MICROBIOLOGY

(3rd Semester)

Course No. : MIBCC–301

(Parasitology, 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. What is the causative agent of African sleeping sickness? Describe pathogenesis, clinical condition and treatment of African sleeping sickness. 2+12=14

2. Describe life cycle, pathogenesis and treatment of giardia. 14

UNIT—II

3. What are normal florae? Explain beneficial and harmful role of normal flora. Enumerate normal flora of oral cavity. 2+8+4=14

4. Define antibiotic. Enumerate antibiotics that inhibit bacterial cell wall synthesis. 2+12=14

UNIT—III

5. Describe symptoms, clinical condition, diagnosis and treatment options of Staphylococcal infection. 14

6. Describe clinical condition, diagnosis and treatment of diphtheria. Add a note on diphtheria toxin. 12+2=14

UNIT—IV

7. What is the causative agent of typhoid? Explain symptom, diagnosis and treatment of typhoid. 1+13=14

8. Enumerate emerging bacterial communicable diseases with special emphasis on plague. 4+10=14

UNIT—V

9. Describe in detail about pathogenesis, symptoms and treatment option of tuberculosis. 14

10. Explain the different stages of infections caused by *Treponema pallidum*. Add a note on their diagnosis. 10+4=14

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