

Q.P. CODE: 115016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary
Examinations March 2019**

**Microbiology
(2016 Scheme)**

Time: 3 Hrs

Max. Marks: 80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2x10=20)

1. List the blood borne infections. Discuss the screening methods for malaria and peripheral smear for the diagnosis of malaria. (3+7)
2. Define nosocomial infection. List the common nosocomial infections. Discuss the role of handwashing and personal protection in prevention of such infections. (1+3+6)

Short notes:

(6x5=30)

3. Bacterial cell wall
4. Hypochlorites in hospital and laboratories
5. Bio-waste management
6. Markers of hepatitis B infection
7. Widal test
8. Cryptococcosis

Answer briefly:

(10x3=30)

9. Inspissation
10. Gamma radiation
11. Hepatitis D
12. Simple staining
13. Rabies
14. Life cycle of filarial worm in man
15. Vaccines for health care workers
16. Flagella
17. Antibiotic sensitivity testing
18. VDRL/RPR test
