

[AHS 0321]

MARCH 2021

Sub. Code: 1247

(AUGUST 2020 EXAM SESSION)

**B.Sc. CRITICAL CARE TECHNOLOGY**  
**SECOND YEAR (From 2018-2019 onwards)**  
**PAPER II – CLINICAL MICROBIOLOGY**  
*Q.P. Code : 801247*

**Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****I. Elaborate on:****(3 x 10 = 30)**

1. Define biomedical waste. Explain the various methods of waste segregation and waste disposal.
2. What are the causative agents of Enteric Fever? Write in detail about clinical features, Lab diagnosis of enteric fever.
3. Explain the clinical features, lab diagnosis and prevention of Dengue fever.

**II. Write notes on:****(8 x 5 = 40)**

1. Robert Koch.
2. Bacterial growth Curve.
3. Autoclave.
4. Candidiasis.
5. Sample collection in Tuberculosis.
6. Lab Diagnosis of Malaria.
7. National Immunization schedule.
8. Prevention of HIV.

**III. Short answers on:****(10 x 3 = 30)**

1. Acid fast staining.
2. Types of Microscope.
3. Typhus fever.
4. Mention different Hepatitis virus and its route of transmission.
5. Sample collection in covid-19.
6. Tetanus toxin.
7. Differentiate sterilization and Disinfection.
8. Universal Precaution.
9. Name the Dermatophytes.
10. Define nosocomial infection. Give two examples.

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