

[LP 0819]

AUGUST 2019

Sub. Code: 1217

B.Sc. CRITICAL CARE TECHNOLOGY
(New Syllabus 2014-2015 & 2015-2016)

SECOND YEAR

PAPER II – CLINICAL MICROBIOLOGY

Q.P. Code: 801217

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Define and classify sterilization. Write in detail on Autoclaves.
2. Define and classify Immunity. Write in detail about the importance of Active immunity.
3. Types of surveillance in the hospital and its role in preventing health care infections.

II. Write notes on:

(8 x 5 = 40)

1. Indicators of sterilization.
2. Universal precautions.
3. Routes in the transmission of infection.
4. Post exposure prophylaxis of Rabies.
5. Laboratory diagnosis of Typhoid fever.
6. Cryptococcus neoformans.
7. Staphylococcus aureus.
8. Clostridium difficile.

III. Short answers on:

(10 x 3 = 30)

1. Robert Koch.
2. Ziehl Neelsen stain.
3. Terminal and concurrent disinfection.
4. Bio-medical waste management in India.
5. Sterilization by Aldehydes.
6. Blood borne viruses.
7. Methods of Antimicrobial Susceptibility testing.
8. Bacterial spore.
9. Cholera –causative agent and laboratory diagnosis.
10. Define MDR - TB and XDR TB.
