

[AHS 0321]

MARCH 2021

Sub. Code: 5003

(AUGUST 2020 EXAM SESSION)

B.Sc. MEDICAL LABORATORY TECHNOLOGY**FIRST YEAR (From 2010-2011 onwards)****PAPER III – GENERAL METHODOLOGY***Q.P. Code : 725003***Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****I. Elaborate on:****(3 x 10 = 30)**

1. Describe the external structure of bacteria.
2. Give a detail account on laboratory accidents. Add a note on its prevention and first aid.
3. Give an account on handling and segregation of the waste.

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

1. Nutritional requirements of bacteria.
2. Moist heat sterilization.
3. Any 2 bacterial media and its composition.
4. Composition of blood.
5. Concept of pathogenicity.
6. Biohazard and universal safety precautions.
7. Incubation.
8. Classify bacteria based on pH requirement.

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

1. Anticoagulants.
2. Importance of labelling of specimens.
3. Normal flora of human.
4. Asepsis.
5. Disinfection.
6. SD and CV.
7. Anaemia.
8. Acid fast stain.
9. Hot Air Oven.
10. Pathogen.
