

Roll No.....

Total No. of Printed Pages: 1

Total No. of Questions: [09]

B.Sc. (Operation Theater Technology) (Semester –4th)
OPERATION THEATRE TECHNOLOGY -CLINICAL
Subject Code: BOTTS1404
Paper ID: [20131918]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a. Define Asepsis.
- b. Define Thermal sterilization.
- c. Write a short note on Fabrication.
- d. Difference between decontamination and disinfection.
- e. Write down techniques of Gloving
- f. Define radiation sterilization.
- g. Write a short note on Bain circuit.
- h. Difference between Sterilization and disinfection.
- i. Write a short note on moist heat sterilization.
- j. Write a short note on ultra sonography.

Section – B

(5 marks each)

- Q2. What is the difference between decontamination and disinfection, and when are each of these processes used in healthcare?
- Q3. What are the advantages of using powered surgical instruments over manual ones?
- Q4. What is electrocautery, and how is it used in surgical procedures?
- Q5. What are the essential considerations when positioning, preparing, and draping a patient for surgery?
- Q6. Explain Trachesotomy procedure in detail.

Section – C

(10 marks each)

- Q7. Discuss Chemical sterilization in detail.
- Q8. Describe appendectomy in detail?
- Q9. What are the key components of a thorough surgical scrub, and how does this process contribute to preventing surgical site infections?