

**Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Operation Theatre Technology Degree Examination – 27-Oct-2025**

Time: Three Hours

Max. Marks: 100 Marks

**OPERATION THEATRE TECHNOLOGY – CLINICAL – PAPER-I (RS-3)
Q.P. CODE: 3408**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Question No.2 Choice)

2 x 10 = 20 Marks

1. Write in detail about location, organization and the zones of operation theatre
2. What is sterilization? What are the different types of sterilization used to sterilize operation theatre equipments?

OR

How do you separate the operation theatre wastes and how do you dispose them?

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Disinfectant solution commonly used in operation theatre
4. Electrically powered instruments
5. Duties of scrub nurse and circulating nurse

OR

Peripheral support areas of operation theatre

6. Any five potential sources of injury to the care giver in the operation theatre
7. Electro Cautery – uses and complications
8. Surgical scrub, gowning and gloving
9. Write a brief note on Ultrasonography
10. Write five different injuries during positioning

OR

Write five microsurgical procedures

11. What is laser? Write its indications and complications
12. Thermal sterilization

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Tracheostomy
14. Name four equipments not allowed in an MRI suite
15. Uses of Lithotomy position

OR

Name the surgical procedures on esophagus

16. Endoscopy
17. Fabrication of instruments
18. Liver biopsy
19. Arterial blood gas
20. What is hypothermia?

OR

Mention volatile anaesthetic gases

21. Angiography
22. Different positions required for abdominal surgery
