

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

THIRD YEAR

**PAPER III – ICU ADMINISTRATION + LOGISTICS + STATISTICS +
MEDICAL ETHICS**

Q.P. Code: 801238

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Discuss the general principle of sterilization and elaborate on each methods of sterilization followed in intensive care unit.
2. Write a detailed essay on patient safety and principles for inter – hospital patient transport.
3. Describe the principles of personnel management and elaborate the importance of staffing and orientation.

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

1. Common disinfectants used in ICU and its uses?
2. Definitions of central tendency, Mean, Median, Mode.
3. Ownership of medical records.
4. Describe Autonomy and Informed consent.
5. Biomedical waste disposal management in ICU.
6. Basic principles of communication.
7. Withdrawal of life support.
8. Note on confidentiality.

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

1. Code of conduct.
2. List steps to take care of staff with needle stick injury.
3. List steps to prevent falls in patients admitted to ICU.
4. Scales of measurements in statistics.
5. List steps to prevent medico legal complaints in ICU.
6. Equipment Repair in ICU.
7. What are the functions of management?
8. Short note on organ transplantation.
9. Define dispersion range and variance.
10. Write a note on counseling in ICU.
