

B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY
(New Syllabus 2014 – 2015)
THIRD YEAR
PAPER III – CLINICAL PROCEDURES AND INSTRUMENTATION IN
EMERGENCY SERVICES

Q.P. Code: 801028

Time: Three Hours

Maximum: 100 Marks

Answer all questions

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

1. Explain in detail about radiation hazards and its preventive measures.
2. Elaborate answer for indication, procedure and emergency care of patients undergoing Central Venous Pressure.
3. Describe about the techniques of insertion of Naso gastric tube and initiation of feedings.

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

1. Laryngoscope.
2. Concepts of Bio medical engineering.
3. Safety features available on infusion pump.
4. List out the equipments used in intercostal drainage and its post operative care.
5. Drugs used through ET.
6. Placement and management of external AV shunt.
7. List out the indications and preparation of a patient for upper gastrointestinal endoscopy?
8. Explain the Procedure of insertion of rectal tube.

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

1. Define Paracentesis.
2. Different kinds of medical gases used in emergency department.
3. Complications of blood transfusion.
4. Draw the combitube and label its parts.
5. Types of fever.
6. What is the mechanism used in dialysis?
7. What is capnography?
8. Advantages of Intravenous fluid therapy.
9. Complications of intraosseous infusion?
10. What is the post operative care of patients undergone umbilical vein cannulation?