**Roll No……..** **Total No. of Printed Pages: [01]**
**Total No. of Questions: [09]**

**B. Sc. (Cardiac Care Technology) (Semester – 6th)**
**CARDIAC CATHETERIZATION**
**Subject Code: BCCTS1-601**
**Paper ID: [21132429]**

**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 the term catheterization.
b. What do you understand by the term rotational atherectomy?
c. Name any two components of thrombectomy devices.
d. Write down uses of angiojet.
e. Define renal artery intervention.
f. What is the function of welter retrieval loop in foreign body retrieval?
g. What is bls algorithm?
h. Write down any two complications encountered in cardiac catheterization laboratory.
i. Name any 4 instruments used in foreign body retrieval.
j. Define directional coronary atherectomy.

**Section – B** **(5 marks each)**

Q2. Explain briefly about various devices used in thrombectomy.
Q3. Define briefly about manual aspiration devices.
Q4. Write short note on a). Diagnostic catheterization b). Asepsis in the ccl
Q5. Describe briefly about the procedure and complications of atherectomy.
Q6. What do you understand by the term renal artery intervention? Explain briefly about it.

**Section – C** **(10 marks each)**

Q7. Describe briefly about the complications encountered in cardiac catheterization laboratory.
Q8. What are various instruments used in foreign body retrieval?
Q9. Describe briefly about the components, procedure and complications of thrombectomy.