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B.Sc. (Cardiac Care Technology) (Semester – 2nd)

BASIC PATHOLOGY & HEMATOLOGY

Subject Code: BCCTS1204

Paper ID: [21132410]

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) Pathology
- b) Anticoagulants
- c) CBC
- d) Rh factor
- e) Anaphylaxis
- f) Embolism
- g) Metastasis
- h) Leucocytes
- i) Haematology
- j) Haemoglobin

Section – B

(5 marks each)

Q2. Explain in detail about anticoagulants.

Q3. Discuss the method of TLC.

Q4. Explain ABO blood group system.

Q5. Define Neoplasia. Differentiate between benign and malignant lesions

Q6. What do you understand by LIMS. Write a note on biomedical waste.

Section – C

(10 marks each)

Q7. Discuss in detail about the technique of histopathology.

Q8. Write in detail about cell injury and inflammation.

Q9. Explain in detail the types of leucocytes and DLC.