

Assignment
Bachelor in Medical Laboratory Technology

6th semester

Case Study on Diagnostic Role of Hematology in Anemia"

Instructions:

1. Choose any one type of anemia (e.g., iron-deficiency, sickle cell).
2. Explain which lab tests are used (e.g., CBC, peripheral smear).
3. Describe interpretation of test results.
4. Write a brief report (500–600 words).

Make notes on "Components of Complete Blood Count (CBC)"

- Include normal ranges and clinical significance.

4th semester assignment

Make notes on "Principle and Procedure of ELISA Test"

- Highlight its use in detecting infections like HIV, Hepatitis.

Make notes on "Types of Anticoagulants used in Labs"

- Mention EDTA, Heparin, Citrate – their uses and precautions.

2nd semester assignments

Make notes on "Quality Control in Medical Laboratories"

- Focus on internal and external quality control practices.

Types of Anticoagulants used in Labs

- Their names, mechanisms of action, and specific uses in different tests.

Submission Format: Word/PDF

Due: Within 7 days