

DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY
SECOND YEAR
PAPER I – CLINICAL BIOCHEMISTRY, PATHOLOGY AND
HISTOPATHOLOGY

Q.P. Code: 842611

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail about Thyroid Function Tests.
2. Write in detail about various steps involved in Tissue Processing.
3. Write in detail about physical properties and chemical estimation of urine.

II. Write notes on:

(10 x 5 = 50)

1. Electrophoresis.
2. Flame photometer.
3. De proteinisation of blood.
4. Electrolytes.
5. GTT.
6. Coombs test.
7. Semen Analysis.
8. PAP Stain.
9. Reticulocyte Count.
10. Transfusion Reactions.

III. Short answers on:

(10 x 2 = 20)

1. Name Liver Enzymes.
2. Define PH.
3. Heparin.
4. BEERS Law.
5. Types of Centrifuge.
6. Differences between Serum and Plasma.
7. Name the Malarial Parasites.
8. Morphology and Life span of RBC.
9. Normal value in blood smear Differential Count of:
a) Neutrophils b) Lymphocytes.
10. Write about WBC Pipette.
