APRIL 1996

AK 880

B.Sc.(MEDICAL LABORATORY TECHNOLOGY)

THIRD YEAR

Paper-II BIOCHEMISTRY-II

Time: Three hours Max:100 marks

Answer ALL Questions

1. Write in detail about the renal function tests. How will you investigate a case of renal stone?(25)

2. How bilirubin is metabolised in the body? How a case of jaundice is investigated? (25)

3. Write short notes on: (5x10=50)

   a) Respiratory Acidosis.

   b) Serum Alkaline Phosphatase.

   c) Diagnostic kits.

   d) Lipid profile.

   e) Isoenzymes.

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OCTOBER 1996

PK 880)

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION

THIRD YEAR

PAPER II - BIOCHEMISTRY-II

Time: Three hours Max: 100 marks

Answer ALL Questions

1. Give a detailed account of the liver function tests and their interpretations. (25)

2. Describe Acid base balance and maintenance of pH of Blood. (25)

3. Write short notes on: (5x10=50)

a) Gastric analysis.

b) Enzymes of clinical importance.

c) Electrophoresis.

d) Automation in clinical biochemistry.

e) Principles of Diagnostic kits.

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APRIL 1997

(MP 880)

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION

THIRD YEAR

Paper-II BIOCHEMISTRY-II

Time: Three hours Max:100 marks

Answer ALL Questions

1. Describe in detail the principles and basic methods of automation in clinical biochemistry.

(25)

2. Give a detailed account of enzymes of clinical importance. Write a note on isoenzymes.

(25)

3. Write short notes on: (5x10=50)

a) Conjugated bilirubin

b) Metabolic acidosis

c) Gastric analysis

d) Renal stones

e) Colorimetry

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(SV 880) APRIL 1998

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION
THIRD YEAR

Paper-II BIOCHEMISTRY-II

Time: Three Hours Max: 100 Marks

Answer ALL Questions

1. Describe the metabolism of Bilirubin. What are the important Biochemical tests done in a case of Jaundice. (25)

2. What is the normal level of Uric Acid? How is it determined in your lab? what is the clinical significance of Uric Acid? (25)

3. Write short notes on: (5x10=50)

a) Principles of Diagnostic Kits.

b) Estimation of Fibrinogen in the Serum

c) Photoelectric colorimeter

d) Plasma Buffers

e) Renal function tests.

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APRIL 1999

[SG 880] Sub. Code : 5032

B.Sc. (Medical Laboratory Technology) DEGREE EXAMINATION.

Third Year

Paper II — BIO–CHEMISTRY — II

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Give a detailed account of the renal function tests. Write a note on glycosuria. (25)

2. Mention the lipid profile. Describe the letermination and clinical importance. (25)

3. Write short notes on : (5 × 10 = 50)

(a) HDL–cholesterol.

(b) Bile pigments.

(c) Diagnostic kits.

(d) Automation in blood gas analysis.

(e) Quality control in clinical bio–chemistry.

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APRIL 2000

[KB 880] Sub. Code : 5032

B.Sc. (Medical Laboratory Technology) DEGREE EXAMINATION.

(Third Year)

Paper II — BIOCHEMISTRY — II

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Discuss in detail about the enzymes which are altered in

(a) Myocardial infarction.

(b) Acute pancreatitis. (25)

2. Name the Liver function tests. Give an account of any two of them. (25)

3. Write short notes on : (5 × 10 = 50)

(a) Metabolic acidosis.

(b) Specific dynamic action.

(c) Estimation of Fibrinogen.

(d) Basic concepts of Automation.

(e) Basal Metabolic Rate.