

APRIL 1994

MM 605

B.Sc., (MEDICAL LABORATORY TECHNOLOGY)

FIRST YEAR

Paper I Human Biology

Time: Three hours

Max. marks:

Answer ALL Questions.

1. Describe the mechanism of formation of CSP

(25)

2. Explain the menstrual cycle and write briefly on Normal pregnancy.

(25)

3. Write short notes on:

a. H.L.A. system

b. Sex chromosomes

c. Blood groups

d. Functions of saliva

e. Hormones of Thyroid.

(5 x 10 = 50)

APRIL 1995

SB

B.SC., (MEDICAL LABORATORY TECHNOLOGY)

FIRST YEAR

Paper I - HUMAN BIOLOGY

Time: Three hours Max.Marks:100

Answer ALL Questions.

1. Describe the production and role of bile in digestion. (25)
 2. Briefly outline the structure and function of skin. (25)
 3. Write short notes on: (5 x 10 = 50)
 - (a) Connective tissues
 - (b) Liver functions
 - (c) Hormones of Pituitary
 - (d) Function of the nephron
 - (e) Rh factor
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APRIL 1996

[AK 871]

**B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION.**

First Year

Paper I – HUMAN BIOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the composition and functions of blood. (25)
 2. Briefly describe the structure and functions of kidney with special emphasis on the formation of urine. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Chromosomes.
 - (b) Functions of bile.
 - (c) Hormones of adrenal gland.
 - (d) Cerebrospinal fluid.
 - (e) Mendel's theory of inheritance.
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APRIL 1997

MP 871)

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION

First Year

Paper-I HUMAN BIOLOGY

Time: Three Hours

Max:100 marks

Answer ALL Questions

1. What is an endocrine gland. Name the endocrine glands present in human body. Write about the localisation, secretion and functions of pituitary gland. (25)
2. Draw and label the parts of digestive system. Describe the physiology of digestion of various food components in the mouth, stomach and intestines. (25)
3. Write short notes on: (5x10=50)
 - a) Spinal Cord
 - b) Pulmonary circulation
 - c) Ovulation
 - d) Functions of skin
 - e) Chromosomes

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SV 871)

APRIL 1998

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION

First Year

Paper-I HUMAN BIOLOGY

Time: Three Hours

Max: 100 Marks

Answer ALL Questions

1. Describe with a diagram the parts of Kidney,
What are the functions of the nephron.
Discuss the mechanism of formation of Urine
by Kidney. (25)
2. Draw and label the parts of the Heart.
Describe the circulation of Blood in the
Human Body. (25)
3. Write short notes on: (5x10=50)
 - a) Menstrual Cycle
 - b) Cerebrospinal Fluid
 - c) Inheritance of Blood Groups
 - d) Spermatogenesis
 - e) Functions of Liver.

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APRIL 1999

[SG 871]

Sub. Code : 5001

**B.Sc. (Medical Laboratory Technology) DEGREE
EXAMINATION.
First Year**

Paper I — HUMAN BIOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Draw and label the parts of Respiratory System.
Describe the physiology of Respiration. (25)

 2. What is the normal blood sugar level? Write
about the location, secretion and functions of Pancreas.
(25)

 3. Short notes on : (5 × 10 = 50)
 - (a) Chromosomes
 - (b) Lymph node
 - (c) Chambers and valves of the heart
 - (d) Structure of nephron
 - (e) Parts of brain.
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OCTOBER 1999

[KA 871]

Sub. Code : 5001

B.Sc. DEGREE EXAMINATION.

(Medical Laboratory Technology)

First Year

Paper I — HUMAN BIOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe with a neat diagram the parts of the digestive system. What are the physiological functions of the salivary juice, gastric juice, pancreatic juice and intestinal juice? (25)
2. Draw and label the parts of the female genital system. Describe the physiology of menstruation and pregnancy. (25)
3. Write short notes on : (5 × 10 = 50)
 - (a) Pituitary gland
 - (b) Structure and function of skin
 - (c) Glomerular filtration
 - (d) Cell division
 - (e) Erythropoiesis.

APRIL 2000

[KB 871]

Sub. Code : 5001

**B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION.**

First Year

Paper I — HUMAN BIOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Draw and name the parts of the kidney. What are its functions? Describe how urine is formed by the kidney. (25)
 2. Name the hormones secreted by Anterior Pituitary. What are the functions of growth hormones? Write about the disorders of growth hormone secretion. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Formation and functions of C.S.F
 - (b) Composition and functions of Gastric Juice
 - (c) Spermatogenesis
 - (d) Functions of WBC
 - (e) Chambers of the Heart.
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NOVEMBER 2000

[KC 871]

Sub. Code.: 5001

**B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION.**

First Year

Paper I — HUMAN BIOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. What is the composition, functions and regulation of Pancreatic Juice? (25)
 2. Draw and label the parts of the Brain, Spinal cord and Meninges. Describe in detail the various functions of the Brain, Spinal cord and Cerebro Spinal fluid. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Adrenal gland
 - (b) Systemic circulation
 - (c) Functions of Nephron
 - (d) Connective Tissues
 - (e) Blood groups and their inheritance.
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