

APRIL 1996

B.Sc.(MEDICAL LABORATORY TECHNOLOGY)

THIRD YEAR

Paper-I COAGULATION AND TRANSFUSION
MEDICINE

Time: Three hours Max:100 marks

Answer ALL Questions

1. What are the factors for Coagulation of Blood. Describe the mechanism of Clotting of Blood. (25)
2. How Blood Donor is selected and write about screening of blood donors. Write about blood components and their uses. (25)
3. Write short notes on: (5x10=50)
 - a) Platelets.
 - b) Erythroblastosis Foetalis.
 - c) Prothrombin Time.
 - d) Investigations for Transfusion Reaction.
 - e) Blood Preservation.

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OCTOBER 1996

PK 879)

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION

THIRD YEAR

PAPER I - COAGULATION AND TRANSFUSION
MEDICINE

Time: Three hours

Max: 100 marks

Answer ALL Questions

1. Write in detail the procedure for grouping and cross matching of blood. Write briefly about transfusion reactions. (25)
2. Write about normal coagulation of blood. What are the tests used to detect bleeding disorders and discuss any one of them. (25)
3. Write short notes on: (5x10=50)
 - a) Coomb's test.
 - b) Screening tests for AIDS.
 - c) Universal Donor.
 - d) Rhesus blood group system.
 - e) Blood components and their uses.

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APRIL 1997

MP 879

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)
DEGREE EXAMINATION

THIRD YEAR

Paper-I COAGULATION AND TRANSFUSION
MEDICINE

Time: Three Hours

Max: 100 marks

Answer ALL Questions

1. Describe the disorders of platelets and discuss their laboratory diagnosis. (25)
2. Describe the diseases transmitted through blood transfusion. Discuss the laboratory diagnosis of any two of them. (25)
3. Write short notes on: (5x10=50)
 - a) Haemophilia
 - b) quality control in blood bank
 - c) Coagulation factors
 - d) Blood collection and preservation
 - e) Genetics in blood banking

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(SV 879)

APRIL 1998

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

Paper-I COAGULATION AND TRANSFUSION
MEDICINE

Time: Three Hours

Max: 100 Mark.

Answer ALL Questions

1. What are Coagulation Disorders?
Enumerate them. How would you investigate a coagulation disorder through Laboratory Tests (i.e. Lab Diagnosis of Coagulation Disorders) (25.)
2. Discuss the Transfusion Reactions and Investigation of a Transfusion Reaction. (25.)
3. Write short notes on: (5x10=50.)
 - a) Platelet Disorders
 - b) Organising a Blood Bank
 - c) Christmas disease.
 - d) Haemolytic Disease of a newborn
 - e) Blood Components and use.

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APRIL 1999

[SG 879]

Sub. Code : 5031

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

Third Year

Paper I — COAGULATION AND TRANSFUSION
MEDICINE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe how you would assess the quality control
in a coagulation laboratory. (25)
 2. How would you organise a Blood Bank? Discuss
in detail the various activities of a Blood Bank. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Coomb's test.
 - (b) Compare a voluntary Donor and a
professional Donor.
 - (c) Rh Blood group system.
 - (d) Platelet disorders.
 - (e) Bleeding time and Clotting time.
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APRIL 2000

[KB 879]

Sub. Code : 5031

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

Third Year

**Paper I — COAGULATION AND TRANSFUSION
MEDICINE**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the collection and preservation of blood and blood components in Blood banking. (25)
 2. What are the functions of Platelets in Hemostasis? Describe the lab diagnosis of disorders of platelets (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Rh incompatibility
 - (b) Christmas disease
 - (c) Diseases transmitted by transfusion
 - (d) Lab. diagnosis of Disseminated intra vascular coagulation
 - (e) Detection of HLA antigens/antibodies.
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