[KM 542] **Sub. Code : 4063**

SECOND M.B.B.S. DEGREE EXAMINATION.

(Non–Semester)

(Revised Regulations)

Paper III — GENERAL PATHOLOGY AND HAEMATOLOGY

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) Define Inflammation. Explain the sequential Vascular and Cellular events of Acute Inflammation.

(2) Define and classify Leukemia. Describe the laboratory diagnosis of Chronic Myeloid Leukemia.

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

(a) Morphology and evolution of tubercle.

(b) Factors influencing wound healing.

(c) Chronic venous congestion of liver.

(d) Differences between dry and wet gangrene.

(e) Rickets.

(f) Actinomycosis.

(g) Bence Jones protein.

(h) Aplastic anaemia.

(i) Complications of blood transfusion.

(j) Coomb's test.

———————

[KN 542] **Sub. Code : 4063**

SECOND M.B.B.S. DEGREE EXAMINATION.

(Non – Semester)

(Revised Regulations)

Paper III — GENERAL PATHOLOGY AND HAEMATOLOGY

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

1. Define Thrombosis. Explain Thrombogenesis in detail. Add a note on fate of a Thrombus.

2. Define and classify Anaemia. Describe the laboratory diagnosis of Megaloblastic Anaemia.

II. Write Short notes on : (10 × 5 = 50)

(a) Phagocytosis.

(b) Pathogenesis of renal oedema.

(c) Pathology of fatty liver.

(d) Pathology of spleen in amyloidosis.

(e) Primary complex.

(f) Differences between benign and malignant tumors.

(g) Urinary casts.

(h) Leukemoid blood reaction.

(i) Erythrocyte sedimentation rate.

(j) Reticulocyte.

———————

[KO 542] **Sub. Code : 4063**

SECOND M.B.B.S. DEGREE EXAMINATION.

Revised (Non-Semester) Regulations

Paper III — GENERAL PATHOLOGY AND HAEMATOLOGY

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions : (2 × 15 = 30)

(1) Name three neoplasms caused by viruses. Discuss mechanism of Action of RNA Oncogenic virus. (3 + 12 = 15)

(2) Describe the various stages of repair and healing. Mention the factors influencing healing and repair.

II. Short notes : (10 × 5 = 50)

(a) Turner's syndrome.

(b) Osmotic fragility test.

(c) Transcoelomic spread of Neoplasms.

(d) Granulomatous inflammation.

(e) Von Willebrand's disease.

(f) Nodular Sclerosis Hodgkin's Disease.

(g) Bone marrow in B_{12} Deficiency.

(h) Metastatic calcification.

(i) Vegetations in Heart.

(j) Haemolytic disease of the New born.

[KP 542] **Sub. Code : 4063**

SECOND M.B.B.S. DEGREE EXAMINATION.

Revised (Non–Semester) Regulations

Paper III — GENERAL PATHOLOGY AND HAEMATOLOGY

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Classify acute myelogenous leukaemias (AML). Describe the etiopathogenesis, clinical features and laboratory investigation in AML. (20)

(2) Classify coagulation disorders. Discuss pathogenesis of Haemophilia. Add a note on the Laboratory investigations in Haemophilia and management. (3 + 7 + 5 = 15)

(3) Define and classify necrosis. Describe the morphology of the different types of necrosis. (15)

II. Short notes : (6

(a) Cellular swelling.

(b) Factors affecting wound healing.

(c) Down syndrome.

(d) Pathogenesis of septic shock.

(e) Liquid embolism.

(f) Vitamin A deficiency.

February-2007

[KQ 542] **Sub. Code : 4063**

SECOND M.B.B.S. DEGREE EXAMINATION.

Revised (Non-Semester) Regulations

Paper III — GENERAL PATHOLOGY AND HAEMATOLOGY

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions:

(1) Define Inflammation. Enumerate the signs of inflammation. Describe in detail chemical mediators of inflammation. (20)

(2) Describe the pathogenesis of thrombosis. Give an account of morphology and fate of thrombus. (15)

(3) Classify hemolytic anaemias. Describe the clinical features, laboratory investigations, blood picture and management of sickle cell anaemia. (15)

II. Short notes : (6 × 5 = 30)

(a) Turner's syndrome

(b) Fracture healing

(c) Rhinosporidiosis

(d) Tumor suppressor genes

(e) Idiopathic thrombocytopenic purpura

(f) Agranulocytosis.

———

[KR 542] **Sub. Code : 4063**

SECOND M.B.B.S. DEGREE EXAMINATION.

Revised (Non-Semester) Regulations

Paper III — GENERAL PATHOLOGY AND HAEMATOLOGY

Time : Three hours Maximum : 100 marks

Descriptive : Two hours and forty minutes Descriptive : 80 marks

Objective : Twenty minutes Objective : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Questions :

1. Write the causes, bio chemical features, mechanisms and examples of Apoptosis. (20)

2. Routes of transmission, pathogenesis, major and minor signs, pathologic changes and laboratory diagnosis of acquired Immunodeficiency syndrome. (15)

3. Classify and discuss about chronic myeloproliferative disorders. (15)

II. Short notes : (6 × 5 = 30)

(a) Tumor antigens

(b) Pathologic calcification

(c) Niemann pick disease

(d) Radiation injury

(e) Myelodysplastic syndrome

(f) Disseminated Intravascular coagulation.

FEBRUARY 2008

[KS 542] **Sub. Code : 4063**

SECOND M.B.B.S. DEGREE EXAMINATION.

Revised (Non-Semester) Regulations

Paper III — GENERAL PATHOLOGY AND HAEMATOLOGY

Q.P. Code : 524063

Time : Three hours **Maximum : 100 marks**

Descriptive : Two hours and forty minutes **Descriptive: 80 marks**

M.C.Q. : Twenty minutes **M.C.Q. : 20 marks**

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Questions : (2 × 15 = 30)

1. Define and classify Shock ; discuss about etiology, Pathogenesis, Complications of Shock. (15)

2. What are the etiological agents of Cancer? Write in detail about chemical carcinogenesis. (15)

II. Short Notes : (10 × 5 = 50)

1. Granuloma
2. Fibronectin
3. Gauchers disease
4. Gangrene
5. Amyloid Spleen
6. Idiopathic thrombocytopenic purpura
7. LE cell phenomenon
8. Classification of Hodgkins lymphoma
9. Lepromatous leprosy
10. Growth factors.

———————