

April-2001

[KD 520]

Sub. Code : 4022

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

Common to all Regulations

Part I

Paper II — PATHOLOGY — I

Time : Three hours Maximum : 100 marks
Two and a half hours Sec. A & Sec. B : 70 marks
for Sec. A and Sec. B Section C : 30 marks

Separate answer books must be used for
Sections A and B.

Section C must be answered separately on the answer
sheet provided as per the instructions on the first page.

Answer ALL questions.

SECTION A — (35 marks)

1. Define Anemia. Discuss the etiology, pathogenesis and laboratory findings of Iron deficiency anemia.
(1 + 3 + 3 + 8 = 15)
2. Write briefly on : (4 × 5 = 20)
 - (a) Lab diagnosis of DIC
 - (b) Hematocrit
 - (c) Reticulocyte
 - (d) Bleeding time.

SECTION B — (35 marks)

3. Define the terms Autograft, Isograft, Allograft, Xenograft. Enumerate the factors influencing rejection of tissue Allograft. Describe the types and mechanisms of Allograft rejection. (4 + 4 + 7 = 15)
4. Write briefly on : (4 × 5 = 20)
 - (a) Chronic venous congestion liver
 - (b) Primary complex
 - (c) Natural killer cells
 - (d) Cytokines.

March-2002

[KG 520]

Sub. Code : 4022

SECTION B — (35 marks)

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

Common to all Regulations

Part I

Paper II — PATHOLOGY — I

Time : Three hours Maximum : 100 marks

Two and a half hours Sec. A & Sec. B : 70 marks

for Sec. A & Sec. B. Section C : 30 marks

Section C must be answered separately on the answer sheet provided as per the instructions on the first page.

Answer ALL questions.

SECTION A — (35 marks)

1. Define Shock. Classify shock. Describe stages of shock. Discuss pathophysiology and pathology of Endotoxic shock. (15)

2. Write notes on : (4 × 5 = 20)

- (a) Leukocyte-Endothelial Adhesion Molecules.
- (b) Fat Necrosis.
- (c) Haemochromatosis.
- (d) Precancerous Lesions.

3. Classify thrombocytopenia. Describe etiopathogenesis of thrombocytopenia. Discuss pathogenesis and lab. diagnosis of idiopathic thrombocytopenic purpura. (15)

4. Write notes on : (4 × 5 = 20)

- (a) Vitamin D deficiency.
- (b) G-6-PD deficiency anemia.
- (c) X-linked disorders.
- (d) Type II hypersensitivity.

[KJ 520]

Sub. Code : 4022

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

(Common to all Regulations)

Part I

Paper II — PATHOLOGY — I

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
 forty minutes

MCQ : Twenty minutes MCQ : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) Define thrombus. Discuss the
etiopathogenesis and complications of thrombosis.
(3 + 6 + 6 = 15)

(2) Define neoplasm. Describe briefly viral and
chemical carcinogenesis. (3 + 6 + 6 = 15)

II. Write briefly on : (10 × 5 = 50)

- (a) Fatty change
- (b) Metaplasia
- (c) Chemotaxis
- (d) Growth factors
- (e) Air-embolism
- (f) Turner's syndrome
- (g) Histocompatibility Antigens (HLA system)
- (h) Primary complex
- (i) Rickets
- (j) Antinuclear antibodies.

[KL 520]

Sub. Code : 4022

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

(Common to all Regulations)

Part I.

Paper II — PATHOLOGY — I

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Write Essay : (2 × 15 = 30)

(1) Mention the type of degenerations. Describe the pathology of organs affected by fatty change with a note on fat stains. (5 + 10 = 15)

(2) Classify carcinogens. Give an account of viral carcinogens. (5 + 10 = 15)

II. Write briefly on : (10 × 5 = 50)

(a) T-lymphocytes

(b) Exudate

(c) Paraneoplastic syndrome

(d) Dystrophic calcification.

(e) Haematocrit

(f) Carcinoma-in-situ

(g) Haemochromatosis

(h) Sex chromatin

(i) Primary amyloidosis

(j) Laboratory findings in megaloblastic anaemia.