

NOVEMBER 1994

[ND 616]

Second B.H.M.S. Degree Examination

Paper I - GENERAL AND SPECIAL PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer all questions

Answer Sections A and B in separate answer books

draw diagrams wherever necessary

SECTION A

1. What is meant by 'benign' and 'malignant' ?

Describe the pathogenesis of cancer. (14)

2. Write briefly on :

a) Phagocytosis

b) Necrosis

c) Secondary shock (3×6=18)

3. Write short notes on :

a) Cloudy swelling

b) Fatty liver

c) Renal oedema (3×6=18)

SECTION B

4. Describe the pathology of inflammation and repair. (14)

5. Write briefly on :

a) Pathology of gout

b) Haemophilia

c) Vitiligo (3×6=18)

6. Write short notes on :

a) Hypertrophy

b) Iron deficiency anaemia

c) Embolism (3×6=18)

APRIL 1995

[SB 621]

Second B.H.M.S. Degree Examination

Paper I GENERAL AND SPECIAL PATHOLOGY

Time : Three hours Maximum : 100 marks

Answer All questions

Answer Section A and B in separate answer books

Draw diagrams wherever necessary.

SECTION—A

1. Define Inflammation. Describe the Pathology of Inflammation and repair. (14)
2. Write briefly on :
 - a) Amyloidosis
 - b) Necrosis
 - c) Oedema (3×6=18)
3. Write short notes on :
 - a) Structure of normal cell
 - b) Embolus
 - c) Spread of Tumours (3×6=18)

SECTION-B

4. Discuss the aetio-pathogenesis and pathology of Pulmonary tuberculosis. (14)
5. Write briefly on :
 - a) Nutmeg Liver
 - b) Renal Calculi
 - c) Primary chancre (3×6=18)
6. Write short notes on :
 - a) Gout
 - b) Iron deficiency anaemia
 - c) Atherosclerosis (3×6=18)

NOVEMBER 1995

[MB 1115]

Second B.H.M.S. Degree Examination

**Paper I - GENERAL AND SPECIAL
PATHOLOGY**

Time : Three hours Maximum : 100 marks

Answer sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION - A

1. Define neoplasia. Classify benign and malignant neoplasms. Describe the mode of spread in malignant neoplasms. (14)
2. Write briefly on : (3X6 = 18)
 - a) Fatty liver
 - b) Dystrophic calcification
 - c) Special stains for amyloid
3. Write short notes on : (3X6 = 18)
 - a) Air embolism
 - b) Chemical mediators of inflammation
 - c) Erythrocyte sedimentation rate

SECTION - B

4. Classify anaemias. Mention and describe the laboratory investigation of Iron deficiency anaemia. (14)
5. Write briefly on : (3X6 = 18)
 - a) Leiomyoma
 - b) Shock kidney
 - c) Cardiac oedema
6. Write short notes on : (3X6 = 18)
 - a) Metaplasia
 - b) C.S.F. changes in tuberculous meningitis
 - c) Prothrombin time

APRIL 1996

[AK 1125]

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

Paper I — GENERAL PATHOLOGY AND
SPECIAL PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION A

1. Define Necrosis. Describe the types of Necrosis. (14)
2. Write briefly on : (3 × 6 = 18)
 - (a) Chronic venous congestion—Lung
 - (b) Anticoagulants
 - (c) Gangrene.
3. Write short notes on : (3 × 6 = 18)
 - (a) R.B.C. indices
 - (b) Oxygen free radicals
 - (c) Chemical carcinogens.

SECTION B

4. Classify Leukemias and write about peripheral smear and bone marrow finding in Acute Myeloid Leukemia. (14)
5. Write briefly on : (3 × 6 = 18)
 - (a) Rh factor
 - (b) Liver function tests
 - (c) Ghon complex.

[AK 1125]

6. Write short notes on :

(3 × 6 = 18)

- (a) Differential count
- (b) Factors affecting wound healing
- (c) Reducing substances.

APRIL 1998

[SV 1208]

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

(Old/New Regulations)

Paper I — GENERAL AND SPECIAL PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

1. Answer any ONE of the following : (14)
 - (a) Define infarction. Discuss the various types, factors influencing the formation and the clinical significance.
 - (b) Discuss the cellular events in acute inflammation.
2. Write briefly on any TWO of the following : (2 × 8 = 16)
 - (a) Primary complex.
 - (b) Blood transfusion reactions
 - (c) Differences between benign and malignant neoplasms.
3. Write short notes on any FIVE of the following : (5 × 4 = 20)
 - (a) Sickle cell anaemia.
 - (b) Differences between bacillary and amoebic dysentery.
 - (c) Oncogenic viruses.
 - (d) Suppurative inflammation.
 - (e) Chronic venous congestion of the liver.
 - (f) Biopsy.

SECTION B

4. Write an essay on any ONE of the following : (14)
 - (a) Normal leucopoiesis and the role of WBC in health and disease.
 - (b) Oedema.
5. Write briefly on any TWO of the following : (2 × 8 = 16)
 - (a) Fat embolism.
 - (b) Protein energy malnutrition.
 - (c) Dry gangrene.
6. Write short notes on any FIVE of the following : (5 × 4 = 20)
 - (a) Hypertrophy.
 - (b) Urinary deposits.
 - (c) Differences between venous thrombi and post-mortem clot.
 - (d) Peripheral blood picture of megaloblastic anaemia.
 - (e) Haemochromatosis.
 - (f) Fat necrosis.

[SM 1208]

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

(Old/New Regulations)

Paper I — GENERAL PATHOLOGY AND SPECIAL
PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

1. Write an essay on any ONE of the following : (14)
 - (a) Discuss in detail the aetiology, pathogenesis and types of membranes.
 - (b) Define Shock. Describe pathogenesis of irreversible shock.
2. Write briefly on any TWO of the following : ($2 \times 8 = 16$)
 - (a) Agranulocytosis
 - (b) Proteinuria
 - (c) Indications for bone marrow aspiration.
3. Write short notes on any FIVE of the following : ($5 \times 4 = 20$)
 - (a) Scurvy
 - (b) Haemachromatosis
 - (c) Prothrombin time
 - (d) Fibrinoid necrosis
 - (e) Carcinoma-in-situ
 - (f) Types of infarct
 - (g) Giant cells.

SECTION B

4. Write an essay on any ONE of the following : (14)
 - (a) Classify Leprosy. Describe the pathology of Lepromatous Leprosy.
 - (b) Describe the various methods of estimating haemoglobin in blood.
5. Write briefly on any TWO of the following : ($2 \times 8 = 16$)
 - (a) Amyloid liver
 - (b) Healing of fracture
 - (c) Peripheral blood picture and bone marrow in megaloblastic pernicious anaemia.
6. Write short notes on any FIVE of the following : ($5 \times 4 = 20$)
 - (a) Stool examination in dysentery
 - (b) Haemophilia
 - (c) Exfoliative cytology
 - (d) Benze Jones proteins
 - (e) Coombs test
 - (f) Dry gangrene
 - (g) Basal cell carcinoma.

APRIL 1999

[SG 1208]

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

(Old/New Regulations)

**Paper I — GENERAL PATHOLOGY AND SPECIAL
PATHOLOGY**

Time : Three hours *APRIL 99* Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

1. Answer any ONE of the following : (1 × 14 = 14)

- (a) Define necrosis; describe the types of necrosis
- (b) Chemical Mediators of Inflammation.

2. Write any TWO of the following :

(2 × 8 = 16)

(a) Define Embolism classify it explain any one of them

- (b) Pathological Calcification
- (c) Healing of a clean surgical wound.

3. Write short notes on any FIVE : (5 × 4 = 20)

- (a) Nutmeg Liver
- (b) Meta Plasia
- (c) Chemotaxis

- (d) Haematuria
- (e) Phagocytosis
- (f) G.T.T.
- (g) Liver function test

SECTION B

4. Write any ONE of the following : (1 × 14 = 14)

- (a) Rheumatic heart disease
- (b) Classify anaemias and write about the Lab diagnosis of Iron deficiency anaemia

5. Write any TWO of the following : (2 × 8 = 16)

- (a) Gastric ulcer
- (b) Peripheral blood smear of acute myloid leukemia
- (c) Emphysema.

6. Write short notes on any FIVE of the following (5 × 4 = 20)

- (a) Rh factor
- (b) Renal Calculi
- (c) Aneurism

- (d) Condylomata
- (e) Ghon's focus
- (f) Haematocrit
- (g) Findings of tubercular meningitis.

[KA 1208]

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

(Old/New Regulations)

Paper I — GENERAL PATHOLOGY AND SPECIAL
PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Parts A and B in separate answer books.

PART A

1. (a) Discuss in detail about the aetiology, pathogenesis and types of Thrombosis.

Or

- (b) Define Necrosis. Discuss in detail about aetiology, types of Necrosis. (14)

2. Write briefly on any TWO : (16)

- (a) Infarction.
- (b) Viral carcinogens.
- (c) Calcification.

3. Write short notes on any FIVE : (20)

- (a) Fatty change.
- (b) Phagocytosis.
- (c) Difference between benign and malignant tumor.
- (d) Sarcosplen.
- (e) Granuloma.
- (f) Atrophy.
- (g) Cisson's disease.

PART B

4. (a) Write in detail about the aetiology, pathogenesis, clinical features of iron deficiency anemia. (14)

Or

- (b) Explain the stages of venereal syphilis and its lab diagnosis.

5. Write briefly on any TWO : (16)

- (a) Infective mononucleosis.
- (b) Gout.
- (c) Lobar pneumonia.

6. Write short notes on any FIVE : (20)

- (a) E.S.R.
- (b) Aschoff bodies.
- (c) Urinary deposits.
- (d) Congenital syphilis.
- (e) Cor Bovinum.
- (f) Chron's disease.
- (g) Gall stones.

APRIL 2000

[KB 1208]

SECOND B.H.M.S. DEGREE EXAMINATION.
(Old/New Regulations)

Paper I — GENERAL PATHOLOGY AND SPECIAL
PATHOLOGY

Time : Three hours Maximum : 100 marks
Write Section A and B in separate answer book.

SECTION A

1. Answer any ONE of the following : (14)
 - (a) Metastasis of tumor.
 - (b) Describe the pathology of Inflammation.
2. Write briefly on any TWO of the following : (2 × 8 = 16)
 - (a) Coagulation necrosis
 - (b) Define thrombosis — describe its mechanism and types.
 - (c) What is atrophy? Explain about the types and causes.
3. Write short notes on any FIVE of the following : (5 × 4 = 20)
 - (a) Chemical carcinogens
 - (b) Acquired immunity
 - (c) Air embolism
 - (d) Hyper Vitaminosis
 - (e) Haemorrhage
 - (f) Dehydration
 - (g) Amyloidosis.

SECTION B

4. Write an essay on any ONE of the following : (14)
 - (a) Explain the stages of Venereal Syphilis and its lab diagnosis.
 - (b) Degrees of Burns.
5. Write any TWO of the following : (2 × 8 = 16)
 - (a) Bacillary dysentery
 - (b) Weil's disease
 - (c) Rabies.
6. Write short notes on any FIVE of the following : (5 × 4 = 20)
 - (a) Emphysema
 - (b) Relapsing fever
 - (c) Tabes mesenterica
 - (d) Miliary tuberculosis
 - (e) Botulism
 - (f) Gas Gangrene
 - (g) Abscess.

OCTOBER 2000

[KC 1208]

Sub. Code : 1208

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

(Old/New Regulations)

**Paper I — GENERAL PATHOLOGY AND SPECIAL
PATHOLOGY**

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate Answer books.

SECTION A

1. Answer any ONE : (14)
(a) Write an essay on the detailed process of Inflammation.
(b) Discuss the features of a malignant neoplasm.
2. Write briefly on any TWO : (2 × 8 = 16)
(a) Recurrent Hepatitis
(b) Anaphylaxis
(c) Hyper vitaminosis.
3. Write on any FIVE : (5 × 4 = 20)
(a) Chemotaxis
(b) Metastasis
(c) Granuloma
(d) Thalessemia
(e) Kwarshiorkar
(f) Fatty liver.

SECTION B

4. Write essay on any ONE : (14)
(a) Normal coagulation and the factors affected in coagulation disorders
(b) Metabolic derangements in Renal failure.
5. Write on any TWO : (2 × 8 = 16)
(a) Nephrosclerosis
(b) Ulcerative colitis
(c) Fibroblasts in Repair.
6. Write short notes on any FIVE : (5 × 4 = 20)
(a) Diabetic retinopathy
(b) Basal cell carcinoma
(c) Hypertensive lesions in arterioles
(d) Berry aneurysm
(e) Haemosiderosis
(f) Acoustic neuroma.