

April-2001

[KD 115]

Sub. Code : 2012

**M.D. DEGREE EXAMINATION.**

**Branch III — Pathology**

**(Common to OR/NR/Revised Regulations)**

**Paper III — SYSTEMIC PATHOLOGY**

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

**Answer ALL questions.**

1. Discuss the recent concepts, classify and give pathology of Non-Hodgkins lymphoma. (25)
2. Discuss the pathology of ulcerative lesions in Ileum and Colon. (25)
3. Write briefly on (5 × 10 = 50)
  - (a) Immunological mechanism of glomerular injury.
  - (b) Congenital heart diseases
  - (c) Malignant lesions of lung
  - (d) Computer in Pathology
  - (e) Paraneoplastic syndrome

November-2001

[KE 115]

Sub. Code : 2012

**M.D. DEGREE EXAMINATION.**

(Common to New/Revised Regulations)

Branch III — Pathology

Paper III — SYSTEMIC PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the molecular pathology of small round cell tumours. (25)
2. Classify eccrine sweat gland tumours and discuss their pathology. (25)
3. Write briefly on : (5 × 10 = 50)
  - (a) Metabolic bone disease.
  - (b) Obesity and other systemic disorders.
  - (c) Pathology of male infertility.
  - (d) Congenital cystic lesions of the kidney.
  - (e) Ependymoma.

[KG 115]

Sub. Code : 2012

M.D. DEGREE EXAMINATION.

(Common to OR/NR/Revised Regulations)

Branch III — Pathology

Paper III — SYSTEMIC PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the current concepts in rheumatic heart disease. (25)
  2. Discuss the Pathology of PRION. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Osteogenic sarcoma.
    - (b) Mesothelioma.
    - (c) Parathyroid adenoma.
    - (d) Sclerosing cholangitis.
    - (e) Clear cell tumour of Cervix.
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September-2002

[KH 115]

Sub. Code : 2012

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Pathology

Paper III — SYSTEMIC PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Discuss the pathology of Gestational trophoblastic tumors. (25)
2. Discuss the role of electron microscopy in the study of renal diseases. (25)
3. Write briefly on : (5 × 10 = 50)
  - (a) Prognostic factors in Ovarian cancer
  - (b) Large cell lymphomas
  - (c) Merkel cell carcinoma
  - (d) Alpha - 1 - antitrypsin deficiency
  - (e) Hepatitis C.

April-2003

[KI 115]

Sub. Code : 2012

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Pathology

Paper III — SYSTEMIC PATHOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Classify CNS tumours. Discuss briefly morphology and microscopy of Glial Neoplasms. (25)
  2. Discuss the aetiology, pathology, types, complications of the vegetations of the heart. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Hamman-Rich Syndrome
    - (b) HIV related lymphadenopathy
    - (c) Polyps of the colon
    - (d) Carcinoid tumours
    - (e) Small round cell tumours.
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[KJ 115]

Sub. Code : 2012

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Pathology

Paper III — SYSTEMIC PATHOLOGY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and  
forty minutes

Theory : 80 marks

M.C.Q. : 20 marks

M.C.Q. : Twenty minutes

M.C.Q. must be answered **SEPARATELY** on the  
Answer Sheet provided as per the instructions  
on the first page.

Answer **ALL** questions.

Draw suitable diagrams wherever necessary.

1. Discuss the pathogenesis and molecular biology of colorectal carcinoma. Add a note on the morphology and prognostic action of colorectal cancer. (15)

2. Define and classify glomerulonephritis. Discuss in general the mechanisms involved in Aetiopathogenesis of Acute Glomerulonephritis. (15)

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

(a) Classification and differentiation of carcinoid tumour of Gastro-intestinal tract.

(b) Pathobiology of Hirschsprung's disease.

(c) Classification and pathogenesis of Sjogren's syndrome.

(d) Teratoma.

(e) Aetio pathogenesis of carcinoma cervix.

(f) Signet ring cell lymphoma.

(g) Hormone producing Tumours of Ovary.

(h) Insitu Hybridisation—Its utility as Diagnostic Tool.

(i) Bone marrow transplantation.

(j) Classification of Osteosarcoma.

[KK 115]

Sub. Code : 2012

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Pathology

Paper III — SYSTEMIC PATHOLOGY

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.

A. Essay. (2 x 15 = 30)

(1) Classify vasculitis. Discuss the aetiology and pathogenesis in brief. (15)

(2) Discuss the aetiology and pathology of Malabsorption syndromes. (15)

B. Short notes on : (10 x 5 = 50)

(1) Miliary Tuberculosis.

(2) Paraganglioma.

(3) Esophagitis.

(4) Portal Hypertension.

(5) Focal segmental glomerulosclerosis.

(6) Malignant Melanoma.

(7) Gout.

(8) Peripheral Nerve Sheath Tumor.

(9) Pheochromocytoma.

(10) Sex-cord-stromal tumors.

