

[KM 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.

I. Essay :

(2 × 15 = 30)

(1) Classify glomerular diseases. Discuss etiopathogenesis and pathology of nephrotic syndrome.

(2) Discuss etiopathogenesis of lung tumors classify and discuss lung tumors.

II. Write short notes on :

(10 × 5 = 50)

(a) Lamellar carcinoma of liver.

(b) Chordoma.

(c) Pathology and complications of myocardial infarction.

(d) Pekomas.

(e) Tumor-like lesions of bone

(f) PIN.

(g) Pre-malignant lesions of breast.

(h) Trophoblastic tumors.

(i) MEN.

(j) Types of pemphigus lesions.

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M.D.DEGREE EXAMINATION.

Branch III — Pathology

Paper III — SYSTEMIC PATHOLOGY

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

I. Essay questions : (2 × 15 = 30)

1. Discuss the etiopathogenesis and morphology of colorectal carcinoma.

2. Discuss the classification of primary muscle diseases and the role of muscle biopsy in their diagnosis.

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

(a) Role of Immunofluorescence in Acute glomerulonephritis

(b) Non-alcoholic fatty liver disease

(c) Malignant Peripheral Nerve Sheath Tumours (MPNST)

(d) Role of Immunohistochemistry in Round cell sarcomas

(e) Metaplastic carcinoma of Breast

(f) Borderline tumours of ovary

(g) Neuroendocrine tumours of lung

(h) Marginal Zone Lymphoma

(i) Bacillary Angiomatosis

(j) Follicular neoplasm of thyroid.

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Sub. Code : 2012

M.D. DEGREE EXAMINATION.

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.

Draw suitable diagrams wherever necessary.

1. Essay questions :

(1) Etiopathogenesis of myocardial infarction. Describe the gross and histopathological changes write in detail the various diagnostic tests used for diagnosis and prognosis. (20)

(2) Discuss the classification and pathology of tumours of odontogenic epithelium. (15)

(3) Discuss the pathology of lymphomas at unusual sites. (15)

II. Write short notes on : (6 × 5 = 30)

(a) Pathogenesis and pathology of Hirschsprung's disease.

(b) Gastro intestinal Stromal Tumours.

(c) Prostatic Intraepithelial Neoplasia.

(d) Muscular dystrophies.

(e) Haemochromatosis.

(f) Adult polycystic kidney disease.

[KQ 113]

Sub. Code : 2012

M.D. DEGREE EXAMINATION.

Branch III — Pathology

SYSTEMIC PATHOLOGY

Common to

Paper III – (Old/New/Revised Regulations)

(Candidates admitted from 1988-89 onwards)

and

Paper III – (For candidates admitted from 2004-2005 onwards)

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 tumours of the lung and discuss the etiopathogenesis and pathology of bronchogenic carcinoma. (20)

(2) Drug induced changes in female genital tract. (15)

(3) Define nephrotic syndrome and discuss the pathology of membranoproliferative glomerulonephritis. (15)

II. Write short notes on :

(6 × 5 = 30)

(a) Prognostic markers in breast cancer.

(b) Duchenne muscular dystrophy.

(c) Rosai-Dorfman disease.

(d) Discuss hydatidiform mole.

(e) Metaplastic lesions in endometrium and cervix.

(f) Creutzfeldt-jakob disease.

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Sub. Code : 2012

M.D. DEGREE EXAMINATION.

Branch III — Pathology

Paper III — SYSTEMIC PATHOLOGY

**Common to — (Old/New/Revised Regulations)
(Candidates admitted upto 2003–04)**

and

(For candidates admitted from 2004–2005 onwards)

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 diagrams if necessary.

I. Essay questions :

(1) Discuss the morphology, differential diagnosis and Immunohistochemistry of gastro intestinal stromal tumours (GIST). (20)

(2) Discuss the morphology and problems in diagnosis of follicular neoplasms of thyroid. (15)

(3) Classify cutaneous lymphoproliferative diseases and discuss their diagnosis and differential diagnosis. (15)

II. Write Short notes on : (6 × 5 = 30)

(a) Neoplasms of heart.

(b) Significance of endometrial epithelial dysplasias.

(c) Pulmonary alveolar proteinosis.

(d) Role of endoscopic biopsies in malabsorption syndromes.

(e) Ig A nephropathy.

(f) Premalignant lesions of breast.

MARCH 2008

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Sub. Code : 2012

M.D. DEGREE EXAMINATION.

Branch III — Pathology

Paper III — SYSTEMIC PATHOLOGY

Common to all candidates

Q.P. Code : 202012

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

- I. Essay questions: (2 × 20 = 40)
1. Discuss the morphology, pathogenesis and molecular genetics of Alzheimer's disease.
 2. Discuss the risk factors, pathogenesis and prognostic factors of breast carcinoma.
- II. Write short notes on : (10 × 6 = 60)
1. Psoriasis.
 2. Pheochromocytoma.
 3. Cholelithiasis.
 4. Cervical intra epithelial neoplasia.
 5. Lipoid nephrosis.
 6. Hypertrophic gastropathy.
 7. Renal cysts.
 8. Intestinal polyps.
 9. Angio immunoblastic lymphadenopathy.
 10. Biliary cirrhosis.
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September 2008

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Sub. Code: 2012

M.D. DEGREE EXAMINATION

Branch III – Pathology

Paper III - SYSTEMIC PATHOLOGY

Common to all Regulations

Q.P. Code : 202012

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. Classify aneurysms. Discuss the etiopathogenesis of aortic aneurysm and complications.
2. Classify ovarian tumours. Discuss the etiopathogenesis and morphology of sex cord stromal tumors.

II. Write short notes on :

(10 X 6 = 60)

1. Phyllodes tumor.
 2. Medullary carcinoma of thyroid.
 3. Angioimmunoblastic lymphadenopathy.
 4. Felty syndrome.
 5. Diabetic nephropathy.
 6. Haemolytic-uraemic syndrome.
 7. Crohn's disease.
 8. Peyronie's disease.
 9. Haemochromatosis.
 10. Asbestosis.
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