

POST-GRADUATE DEGREE (M.D.) EXAMINATION – JANUARY 2024

Time: 3 Hours

Max. Marks: 100

PATHOLOGY

PAPER – II

*(Hematology / Clinical Pathology / Cytology / Transfusion Medicine
Recent Advances and applied pathology)*

Q.P. Code: 1214

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Describe in detail cytology of malignant breast tumours.
2. Discuss normal Red cell membrane structure and its defects.

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Discuss Principles of PAP Smear.
4. Discuss cytology of non-neoplastic lesions of the lymph node.
5. Enumerate causes of Pancytopenia & discuss investigations in a case of pancytopenia. (4+6)
6. Describe collection and procedure for quantitative estimation of proteinuria & its application.
7. Discuss Blood component therapy.
8. Discuss investigations in a case of bleeding disorder.

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GENERAL MEDICINE

PAPER – II

(Cardio-vascular system, gastro intestinal system, Hepatobiliary, pancreatic disorders, infectious diseases including tropical medicine)

Q.P. Code: 1242

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Classification of Acute coronary syndrome its investigations and treatment including newer thrombolytic and interventions. (5+5+10)
2. Etiopathogenesis, clinical features, investigations and treatment of ulcerative colitis. (5+5+5+5)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Stages and treatment of Alcoholic liver Disease. (5+5)
4. Classification and treatment of Dengue fever. (5+5)
5. Describe etiology, clinical features, investigations, management and complications of Acute pancreatitis. (2+2+2+2+2)
6. Clinical features and management of Leptospirosis. (5+5)
7. Indications and complications of Liver transplantation. (5+5)
8. Causes, complications and management of pericardial effusion. (5+5)

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RADIO-DIAGNOSIS

PAPER – II

(Cardiovascular system, respiratory system, GIT including hepato biliary, endocrine, chest mammography, lymphatic system, arteriography, phlebography)

Q.P. Code: 1254

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number	Marks
LONG ESSAY QUESTIONS:	2 X 20 = 40
1. Describe the role of radiology in the investigation of Hypertensive patient.	
2. Imaging in Breast diseases and interventional techniques in breast disease.	(10+10)
SHORT ESSAY QUESTIONS:	6 X 10 = 60
3. Biochemical and radiological features in renal rickets.	
4. Percutaneous seldinger technique arterial catheterization.	
5. Imaging features of Achalasia cardia.	
6. Evaluation of Deep vein thrombosis.	
7. Discuss imaging features of diaphragmatic hernias.	
8. Discuss Sickle – cell disease ie, radiological findings.	

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**GENERAL SURGERY
PAPER – II**

Q.P. Code: 1262

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Discuss clinical evaluation and management of post traumatic maxillofacial injuries.
2.
 - a) Surgical anatomy of parotid gland.
 - b) Principles of superficial parotidectomy.
 - c) Complications following superficial parotidectomy.

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Preoperative and perioperative care in patients of Pheochromocytoma undergoing surgery.
4. Surgical anatomy of the breast.
5.
 - a) Pathophysiology and investigations of solitary thyroid nodule (STN).
 - b) Rationale of survey for STN.
6.
 - a) Enumerate the types of Neck node Dissections.
 - b) Management of chylus fistula following radical neck dissection.
7. Role of hormonal therapy in carcinoma breast.
8. Update on myocardial revascularization.

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OBSTETRICS AND GYNAECOLOGY

PAPER – II
(Clinical Obstetrics)

Q.P. Code: 1266

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Write a note on placenta previa with the help of afore mentioned points.
 - i) Diagnosis
 - ii) Etiopathogenesis
 - iii) Investigations
 - iv) Management
 - v) Pathological placental attachments
2. Describe Gestational diabetes discerning following points.
 - i) Etiology ii) Indicators of GDM iii) Diagnosis iv) Classification
 - v) GDM as an End Organ Disease iv) Management

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Management of Breech on perineum.
4. Prerequisites of Ventouse Delivery.
5. PCPNDT Law.
6. Methods of cervical **Encirelage**.
7. Golden first minute of the new born.
8. Diagnosis of Anencephaly.

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OPHTHALMOLOGY

PAPER – II

(Clinical Ophthalmology covering diseases of the eye: disorders of conjunctiva, cornea, sclera, uvea, lens, glaucoma, retina, optic nerve and clinical ophthalmology covering diseases of the adnexia: disorders of lids, lacrimal system, orbit)

Q.P. Code: 1270

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Describe the etiology and clinical features of Heterophoria. How will you investigate and treat it.
2. Describe the etiopathogenesis, clinical features, diagnosis and management of fungal keratitis.

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Sympathetic Ophthalmitis.
4. Fuch's Heterochromatic Iridocyclitis. .
5. Chemical Burns of Eye.
6. Post operative Endophthalmitis.
7. A.I.D.S in Eye.
8. Cysts of Iris.
