

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

Time: 3 Hours

Max. Marks: 100

**PATHOLOGY**

**PAPER – III**

*(Systemic Pathology – Cardio vascular system, respiratory system, gastro-intestinal system including liver & biliary tract, pancreas, renal system, male and female genital system and breast. Recent advances and applied pathology)*

**Q.P. Code: 1215**

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

**Question Number**

**Marks**

**LONG ESSAY QUESTIONS:**

**2 X 20 = 40**

1. Classify polyps of Intestine. Discuss role of genetics in **t.clory** cardinogenesis.
2. Classify Ovarian tumors. Discuss surface epithelial tumors.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Discuss etiopathogenesis of NASH.
4. Discuss Gleason's **scaving** & typing of prostate cancer & its recent advances.
5. Discuss pathology and recent advances in atherogenesis.
6. Discuss mechanism of glomerular injury in various glomerulonephritis.
7. Discuss predictive & prognostic **merhers of cancinoma** of breast.
8. Discuss pathogenesis & pathology of Silicosis.

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

**Time: 3 Hours**

**Max. Marks: 100**

**GENERAL MEDICINE**

**PAPER – III**

*(Central nervous system, respiratory system, immune system,  
connective tissue and joint disorders)*

**Q.P. Code: 1243**

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. Etiology, clinical features, investigations and treatment of pulmonary Hypertension. (5+5+5+5)
2. Etiopathogenesis, clinical features, investigations and treatment of Parkinsn's disease. (5+5+5+5)

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Diagnosis and treatment of Sarcoidosis. (5+5)
4. Clinical features and management of GBS. (5+5)
5. Diagnosis and treatment of sleep Apnea. (5+5)
6. Clinical features and management of MND. (5+5)
7. Diagnosis and treatment of Seronegative Rheumatoid Arthritis. (5+5)
8. Clinical features and management of SLE. (5+5)

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

**Time: 3 Hours**

**Max. Marks: 100**

**RADIO-DIAGNOSIS**

**PAPER – III**

*(Genitourinary, retroperitoneum, musculoskeletal system, Obstetrics & Gynaecology)*

**Q.P. Code: 1255**

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. Classify the bone tumors and mention radiological findings of osteogenic sarcoma. (10+10)
2. Enumerate the causes of Acute Abdomen and role of Radiology in Acute Abdomen. (10+10)

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Describe Nuchal Translucency.
4. Imaging findings in Fluorosis.
5. Radiological features of Renal Hypertension. .
6. Discuss radiological approach to secondary infertility.
7. Role of MR spectroscopy in prostatic Carcinoma.
8. Features of multiple myelomatosis.

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

**Time: 3 Hours**

**Max. Marks: 100**

**GENERAL SURGERY  
PAPER – III**

**Q.P. Code: 1263**

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. Clinical features, investigations and management of surgical jaundice.
2. Regarding morbid obesity :
  - a) Indications and types of weight loss surgical procedures.
  - b) Complications of such procedures.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Pathology, diagnosis and management of Gastrointestinal Stomal Tumor (GIST).
4. Principles of Lapanoscopic surgery.
5. a) What is Hyperthermic Intraperitoneal Chemotherapy (HIPEC)?  
b) Indications for HIPEC.  
c) Complications of HIPEC.
6. Clinical features and management of obstructed inguinal Hernia.
7. Management of high fistula-in-Ano.
8. a) Role of intervention in a case of 'Portal Hypertension'.  
b) Shunt procedures for treatment of 'Portal Hypertension'.

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

**Time: 3 Hours**

**Max. Marks: 100**

**OBSTETRICS AND GYNAECOLOGY**

**PAPER – III**

*( Clinical Gynaecology )*

**Q.P. Code: 1267**

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 different Artificial reproductive techniques (ART). Give detail account of intra uterine insemination.
2. Describe different methods of 1<sup>st</sup> trimester MTP.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Medical management of endometriosis.
4. Hyperprolactinemia.
5. Follow up of CIN-2 patient.
6. Pathology and treatment of Hirsutism.
7. Draw the course of ureter in female pelvis and mention common sites of its injury.
8. Abdominal operations for genital prolapse.

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**Time: 3 Hours**

**Max. Marks: 100**

**OPHTHALMOLOGY**

**PAPER – III**

*(Ocular immunology, neuro-ophthalmology, paediatric ophthalmology,  
systemic ophthalmology and recent advances)*

**Q.P. Code: 1271**

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

**LONG ESSAY QUESTIONS:**

**Question Number**

**Marks**

**2 X 20 = 40**

1. Describe the clinical findings in 3<sup>rd</sup> cranial nerve paralysis at different levels.
2. Describe the ocular manifestation of thyroid disease and discuss the management of Proptosis due to Thyroid.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Traumatic optic Neuropathy.
4. Lester tones tube.
5. Schirmer's test.
6. Ectopia Lentis.
7. Pseudo- papilloedema.
8. Crauzon Syndrome.

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