

**POST-GRADUATE DEGREE (M.D.) EXAMINATION – OCTOBER 2022**

**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. Discuss pathology of placenta in PIH.
2. Discuss role of endoscopic biopsy in diagnosis of gastrointestinal lesions.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Nephroblastoma.
4. Primary biliary cirrhosis.
5. Idiopathic mastitis.
6. Prostatic intraepithelial neoplasia.
7. Pathology of asbestos related diseases of lung.
8. Pathogenesis and pathology of infective endocarditis.

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**Time: 3 Hours**

**Max. Marks: 100**

**RESPIRATORY MEDICINE**

**PAPER – III**

*(Tuberculosis – Pulmonary and extra pulmonary, and General Medicines)*

**Q.P. Code: 1259**

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 anti tuberculosis drugs and discuss drug interactions with ART.
2. Describe programmatic management of MDR TB. Mention guideline on PNDT.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. What is Fall and rise phenomenon and mention its clinical significance?
4. Discuss Newer diagnostic techniques in Tuberculosis.
5. Discuss management of active tuberculosis, drug resistant tuberculosis and management of complications in pregnancy.
6. Endobronchial tuberculosis.
7. Discuss management of TB and HIV coinfection. Discuss drug interaction of ART and ATT.
8. To which group of drugs does cycloserine belong to? Discuss its mechanism of action, dose, mode of administration, indications, contraindications, side effect.

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**POST-GRADUATE DEGREE (M.S.) EXAMINATION – OCTOBER 2022**

**Time: 3 Hours**

**Max. Marks: 100**

**GENERAL SURGERY**  
**PAPER – III**  
*(Abdomen & Laproscopic Surgery)*

**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. Describe aetiopathogenesis, clinical features and investigations in case of acute pancreatitis. Discuss “step up” concept of endoscopic versus surgical management in acute pancreatitis. (5+5+10)
  
2. a) Enumerate causes of dysphagia. (5+5+10)  
b) Discuss investigations for motility disorders.  
c) Describe pathology, clinical features and management of Achlasia Cardia.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Role of Indocyanine green in surgery.
4. Complications of Laparoscopic Inguinal Hernia.
5. Trans-jugular intrahepatic portosystemic shunt.
6. Recent advances in management of Fistula in ano.
7. Post splenectomy complications and its management.
8. Carcino Embryonic Antigen (CEA).

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**POST-GRADUATE DEGREE (M.S.) EXAMINATION – OCTOBER 2022**

**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 in detail the approach to the male with infertility and discuss the management of male infertility. (10+10)
2. Critically evaluate the role of Laparo-hysteroscopy in modern gynecological practice and add a note on robotics in Gynaecology. (15+5)

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Stem cell therapy in Obstetrics and Gynaecology. Elaborate upon the legal issues related to stem cell research. (6+4)
4. Discuss the clinical presentation and management of Twisted ovarian cyst. (5+5)
5. Discuss the various treatment options, benefits and risks with Hormone replacement therapy. (5+5)
6. Bacterial vaginosis.
7. Discuss the indications, procedure and limitations of Colposcopy. (5+3+2)
8. Discuss the classification, etiology and management of Dysmenorrhoea. (2+3+5)

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