

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

**Time: 3 Hours**

**Max. Marks: 100**

**PATHOLOGY  
PAPER – IV**

*(Systemic Pathology – Central and peripheral nervous system, endocrine system,  
Musculo-skeletal system, reticulo-endothelial system ( lymph nodes, spleen and Thymus ),  
Dermatopathology and ophthalmic pathology, bone, joints and soft tissues.  
Recent advances and applied pathology)*

**Q.P. Code: 1216**

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

<b>Question Number</b>	<b>Marks</b>
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 20 = 40</b>
1. Discuss the pathology of giant cell lesions of bone.	
2. Discuss WHO classification, molecular markers and recent advances of Non-Hodgkin's Lymphoma.	
<b>SHORT ESSAY QUESTIONS:</b>	<b>6 X 10 = 60</b>
3. Solitary thyroid nodule.	
4. Neurofibromatosis.	
5. Pathology of psoriform dermatitis.	
6. Role of PCR in diagnostic pathology.	
7. Muscular dystrophy.	
8. Glioblastoma multiforme.	

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**RESPIRATORY MEDICINE**

**PAPER – IV**

*(Recent Advance in Respiratory Medicine including  
Critical Care aspects)*

**Q.P. Code: 1260**

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. Define respiratory failure. Describe etiology and management of Type II respiratory failure. (5+5+10)
2. Discuss Covid-19 pneumonia and its management. (10+10)

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Cardio-pulmonary exercise testing.
4. PET scan in lung cancer.
5. Transbronchial Needle Aspiration (TBNA).
6. Capnography.
7. Biological in Bronchial Asthma.
8. EBUS (Endobronchial Ultrasound).

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

**Time: 3 Hours**

**Max. Marks: 100**

**GENERAL SURGERY**

**PAPER – IV**

*(Musculo-skeletal disorders, nervous system, uro-genital disorders)*

**Q.P. Code: 1264**

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. a) Discuss etiopathogenesis of renal stone formation. (5+5+10)  
b) Describe investigations and treatment option of 1.5cm calculus in renal pelvis with hydronephrosis.
2. Describe aetiopathogenesis, clinical features, investigations and management of acute osteomyelitis. (5+5+10)

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Extraperitoneal rupture of urinary bladder and its management.
4. Discuss clinical features and management of Carpal Tunnel syndrome.
5. Tumour markers of testicular tumour.
6. Discuss clinical features and management of Hydrocephalus.
7. Medical management of benign hypertrophy of prostate.
8. Discuss clinical features and management of Fournier's gangrene.

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**Time: 3 Hours**

**Max. Marks: 100**

**OBSTETRICS AND GYNAECOLOGY**

**PAPER – IV**

*(Operative obstetrics and gynaecology, newborn and social obstetrics)*

**Q.P. Code: 1268**

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

**Question Number**

**Marks**

**LONG ESSAY QUESTIONS:**

**2 X 20 = 40**

1. Discuss the advantages and disadvantages of various routes of Hysterectomy and add a note on complications of hysterectomy. (15+5)
2. Define shoulder Dystocia. Discuss the causes, diagnosis and management of shoulder dystocia. (3+7+10)

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Add a note on MTP Act and its recent amendment. (6+4)
4. Describe the procedure and complications of post-partum IUCD.
5. Discuss the indications, procedures and complications of Sono hysterosalphingography. (3+5+2)
6. Discuss the etiology, risk factors, clinical presentation and management of Vulvar Intraepithelial Neoplasia. (3+2+5)
7. Discuss HPV vaccine and add a note on HPV 9 valent vaccine.
8. Discuss the diagnosis, treatment and sequelae of perinatal Asphyxia. (3+5+2)

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