

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

**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. Discuss various classification systems of acute myeloid leukemia and morphology, genetic aberrations and prognosis with relevance to WHO classification.
2. Discuss recent advances in blood component therapy.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Waldenstroms Macroglobulinemia.
4. Glycosylated hemoglobin.
5. Disposal of laboratory waste.
6. Significance of Microalbuminuria.
7. Role of FNAC in diagnosis of thyroid lesions.
8. Exfoliative cytology.

\*\*\*\*\*

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

**Time: 3 Hours**

**Max. Marks: 100**

**RESPIRATORY MEDICINE**

**PAPER – II**

*(Non-tubercular Respiratory Diseases)*

**Q.P. Code: 1258**

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 Paraneoplastic syndromes. Enumerate and discuss in detail its treatment. (10+10)
2. Discuss in detail physiological adaptations at high altitude.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. To which group of drug does Pirfenidione belong to? Discuss its mode of action, dose, administration, indications, contraindications and its side effects.
4. Describe the etiopathogenesis, clinical features, diagnosis and treatment of farmer's lung.
5. Discuss role of PET scan in pulmonary disease.
6. Define Asbestosis. Discuss etiology, clinical features, diagnosis and management of the same.
7. Define Occupational asthma. Discuss etiology, clinical features, diagnosis and management of the same.
8. Define Ventilation-perfusion mismatch. Discuss physiology, normal values, and causes of increased and decreased VP mismatch along with clinical implication.

\*\*\*\*

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

**Time: 3 Hours**

**Max. Marks: 100**

**GENERAL SURGERY**

**PAPER – II**

*(Head & neck, adrenal gland, breast, thorax, heart and pericardium)*

**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. Define Goitre. Classify Goitre. Discuss clinical features, investigation and management of Solitary thyroid nodule. (2+3+5+10)
2. Describe levels of cervical lymph nodes. Enumerate differential diagnosis of neck swellings. How will you manage a 50 years old male patient with 3X3 cm right sided submandibular lymph node swelling? (5+5+10)

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Discuss hormonal therapy in carcinoma breast.
4. Discuss clinical features, symptoms and management of Cystic Hygroma.
5. Discuss clinical features and management of Ludwig's angina.
6. Oncoplastic breast surgery.
7. Staging of oral cancer and indications of supra-omohyoid neck dissection.
8. Carotid body tumour

\*\*\*\*

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

**Time: 3 Hours**

**Max. Marks: 100**

**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. Discuss cardiovascular changes in pregnancy. How will you manage a case of heart disease in labour? (10+10)
2. Describe the causes of sudden postpartum collapse. How will you manage a case of inversion uterus? (10+10)

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Screening for gestational diabetes and add a note on DIPSI.
4. Discuss Ventouse applications along with its merits and demerits.
5. Management of intra-partum eclampsia and discuss in detail the role of magnesium sulfate.
6. Discuss diagnosis and management of HELLP syndrome.
7. Mention Robson classification for audit of C-section and also discuss strategies to reduce the rising C-section rates.
8. Discuss the clinical presentation and treatment of Erb's palsy. (5+5)

\*\*\*\*