

27 MAY 2024

10317  
SECOND B.H.M.S. EXAMINATION  
PATHOLOGY PAPER-I

Time: 3 hours

Total Marks:100

**Instructions:**

- All questions are compulsory
  - Write both sections in separate answer sheets
- Draw diagram wherever necessary  
Figures to the right indicates full marks

**ISECTION – I**

- Q – 1 Define Necrosis and differentiate with infarction and gangrene. Describe in detail type of Necrosis with Morphology. **15**
- OR**
- Q – 1 Define inflammation with its welcome and unwelcome aspect. Describe in detail aetio-pathogenesis of acute inflammation **15**
- Q – 2 Define Hypersensitivity. Describe in detail aetio-pathogenesis of Type-I Hypersensitivity Reaction. **15**
- OR**
- Q – 2 **Write Short Notes** **08**  
1. Complement System **07**  
2. Pulmonary Embolism
- Q – 3 **Write Short Notes (Any Three)** **15**  
1. Atherosclerosis  
2. Lobar Pneumonia  
3. Dry Gangrene  
4. Arachidonic Acid Metabolites  
5. Renal oedema
- Q – 4 **Write Short Answers** **05**  
1. Apoptosis defined as  
2. Hyaline changes define as  
3. Effect of Vasoactive Amine  
4. Hyperplasia define as  
5. Repair define as

**SECTION – II**

- Q – 1 Define Pneumonia. Describe in detail aetio-pathogenesis and morphology of lobar pneumonia. **15**
- OR**
- Q – 1 Define Peptic Ulcer. Describe in detail aetio-pathogenesis and morphology of Peptic Ulcer. **15**
- Q – 2 Define Tuberculosis. Describe in detail aetio-pathogenesis and morphology of tuberculosis. **15**
- OR**
- Q – 2 **Write Short Notes** **08**  
1. Pathogenesis of Osteoarthritis **07**  
2. Cancer of Breast
- Q – 3 **Write Short Notes (Any Three)** **15**  
1. Cirrhosis of liver  
2. Type-II Diabetes Mellitus  
3. Hashimoto's Thyroiditis  
4. Gout  
5. Iron deficiency Anemia
- Q – 4 **Write Short Answers** **05**  
1. Define Lung Abscess  
2. Raynaud's disease  
3. What is IHD?  
4. Name Lab Investigation for Jaundice  
5. Eosinophilia Causes