

**B.Sc. PHYSICIAN ASSISTANT  
THIRD YEAR  
PAPER II – NEPHROLOGY/PULMONOLOGY/GASTRO  
ENTEROLOGY/ORTHOPAEDICS**

*Q.P. Code: 801622*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. What is COPD? Write the relevant questions you will ask in history for a COPD patient. Write briefly about the pathophysiology and treatment.
2. What is a fracture? What are the types of fracture? Mention the principles of fracture management.
3. List the complications of blood transfusion. What precautions will you take before connecting blood to a patient?

**II. Write notes on:**

**(8 x 5 = 40)**

1. Write a short note on surgical asepsis.
2. Write 5 causes of hematemesis.
3. What questions will you ask a patient who comes to OPD with complaints of cough?
4. Write about the hazards of smoking.
5. Write a note on colonoscopy.
6. Write about the management of bronchial asthma.
7. List 5 nephrotoxic drugs.
8. List the types of lung cancer.

**III. Short answers on:**

**(10 x 3 = 30)**

1. What are the types of respiratory failure? What are the O<sub>2</sub> and CO<sub>2</sub> levels in each?
2. List 3 causes of hematuria.
3. Write about costochondritis.
4. List 3 drugs used for the treatment of constipation.
5. Write clinical features of osteosarcoma.
6. List the drugs used in the treatment of rheumatoid arthritis.
7. What are the chest x-ray findings in pulmonary edema?
8. What are the triggers of bronchial asthma?
9. What are the treatment options for gastritis?
10. Classify lung cancers.

\*\*\*\*\*