



**2023 BATCH - B. Sc. PHYSICIAN ASSISTANT  
SECOND YEAR - INTERNAL EXAM - II - (23.06.2025)  
PAPER I - MEDICINE AND PHARMACOLOGY**

Time: 3 hours

Subject Code: 1611

Maximum: 100 marks

**Answer all the questions**

**I. Elaborate on 10 x 3 = 30**

1. Write a detailed note on Diuretics
2. Explain about diabetes mellitus
3. Explain in detail about Graves' disease

**II. Write notes on 5 x 8 = 40**

1. Oral rehydration solution (ORS)
2. Explain Anti-diarrheal drugs
3. Write about Anti-tuberculosis drugs
4. Oxygen Therapy
5. Explain Bronchodilators
6. Write a short note on Insulin
7. Explain about Bell's Palsy
8. Pathophysiology and treatment of Myocardial Infarction

**III. Short answers on 3 x 10 = 30**

1. Define Antacids
2. What are all the types of Laxatives?
3. Write any six adverse effects of H<sub>2</sub> blockers
4. Contraindications of PPI
5. Define Hepatitis
6. Short note on bone TB
7. Define CVA and diagnosis
8. Etiology and diagnosis of bronchial asthma
9. Treatment of COPD
10. **i) Which statement is correct regarding Mycobacterium tuberculosis? (NCLEX-RN, 2018)**
  - a) This bacterium is an anaerobic type of bacteria.
  - b) It is an alkali bacterium that stains bright red during an acid-fast smear test.
  - c) It is an acid-fast bacterium that stains green during an acid-fast smear test.

**ii) Antiemetics are administered to: (UPPSC 2020)**

- |                             |                                  |
|-----------------------------|----------------------------------|
| a) Induce vomiting          | b) Prevent nausea and vomiting   |
| c) Enhance gastric motility | d) Reduce gastric acid secretion |

**iii) Which of the following diuretics is most effective in treating acute pulmonary edema? (AIIMS 2015)**

- |                   |               |             |              |
|-------------------|---------------|-------------|--------------|
| a) Spironolactone | b) Furosemide | c) Mannitol | d) Amiloride |
|-------------------|---------------|-------------|--------------|