

**B.Sc. PHYSICIAN ASSISTANT**  
**SECOND YEAR**  
**PAPER I – MEDICINE AND PHARMACOLOGY**

*Q.P. Code: 801611*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:** **(3 x 10 = 30)**

1. Classification, investigations and treatment of Hypertension.
2. What is body mass index? Mention complications and treatment of Obesity.
3. What are investigations, complications and treatment of Peptic ulcer.

**II. Write notes on:** **(8 x 5 = 40)**

1. Diagnosis of Ascites.
2. Investigations of Jaundice.
3. Thyrotoxicosis.
4. Nasogastric aspiration.
5. Anti tuberculosis therapy.
6. Oral rehydration solutions.
7. Oral anti diabetic drugs.
8. Haemodialysis – principles and indications.

**III. Short answers on:** **(10 x 3 = 30)**

1. Mention different routes of administration of drugs.
2. Oxygen therapy – indications.
3. Prevention and treatment of deep vein thrombosis.
4. Write about intravenous fluid therapy.
5. Upper gastro intestinal endoscopy.
6. Causes of chronic obstructive pulmonary disease.
7. Causes and management of hypoglycemia.
8. Causes of pneumothorax.
9. Management of anaphylaxis.
10. Mode of action of proton pump inhibitors.

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