

**Code No: PH206****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****Pharm.D II Year Supplementary Examinations, October/November - 2019****PHARMACOTHERAPEUTICS-I****Time: 3hours****Max.Marks:70****Answer any five questions****All questions carry equal marks**

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- 1.a) Discuss the various factors affecting the pediatric therapy.
- b) Discuss the various physiological changes occurs with aging which will effect drug therapy. [7+7]
- 2.a) Write a note on different tests to evaluate cardiovascular system.
- b) Give the classification of hypertension and what is secondary hypertension. [7+7]
- 3.a) List out different classes of antihypertensive drugs.
- b) Enumerate the various causes for Heart Failure. [7+7]
4. Discuss in brief about:
  - a) Oral contraceptives
  - b) Drug induced pulmonary diseases. [7+7]
5. Discuss in detail about postmenopausal osteoporosis and its treatment options. [14]
6. Discuss the etiology, pathophysiology and clinical presentation of open-angle Glaucoma. [14]
7. Give a detailed note on:
  - a) Electrophysiology of heart.
  - b) Chronic obstructive airways disease. [7+7]
8. What is Rational and effective prescribing and give the role of pharmacist in the same. [14]

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