

**FACULTY OF PHARMACY****Pharm D (6–YDC) II – Year (Main&Backlog) Examination, August 2018****Subject: Pharmacotherapeutics – I****Time: 3 Hrs****Max.Marks: 70****Note: Answer all questions from Part – A. Any Five questions from Part – B.****PART – A (10x2 = 20 Marks)**

- 1 List the secondary causes of hypertension.
- 2 What are the signs and symptoms of right sided heart failure?
- 3 What are the 3 characteristic features of angina?
- 4 Classify antiarrhythmic drugs.
- 5 Define forced vital capacity and give the significance of FEV1/FVC.
- 6 Distinguish the features of inflammation between asthma and COPD.
- 7 Give any five examples of teratogenic drugs along with their complications.
- 8 Write the causative organisms for bacterial conjunctivitis.
- 9 Write a note on essential drug concept.
- 10 Write briefly about various tests to evaluate thyroid function.

**PART – B (50 Marks)**

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| 11 a) Classify antihypertensive agents and discuss briefly their role in the management of hypertension. | 7  |
| b) Discuss the role of hormone replacement therapy in post-menopausal women.                             | 3  |
| 12 a) Write the algorithm for management of stage A and B heart failure.                                 | 6  |
| b) What are the life style modifications for management of Dyslipidaemia?                                | 4  |
| 13 a) Write the algorithm for management of NSTEMI.  | 7  |
| b) Write a note on prevention of viral conjunctivitis.   | 3  |
| 14 a) Explain the role of DPP-IV inhibitors and SGLT2 inhibitors in management of diabetes mellitus.     | 6  |
| b) Write a note on glucocorticoid induced osteoporosis.  | 4  |
| 15 a) Explain the role of beta agonists in management of asthma.   | 7  |
| b) Give any five examples of drugs that cause pulmonary diseases.  | 3  |
| 16 a) Explain the pharmacology of antithyroid drugs.   | 6  |
| b) Write a note on oral contraceptives.  | 4  |
| 17 a) Explain the alteration of the distribution of drugs in pediatrics.                                 | 5  |
| b) Explain transplacental drug transfer.   | 5  |
| 18 Explain the role of pharmacist in rational use of drugs.  | 10 |

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