

Registration No :

--	--	--	--	--	--	--	--	--	--

Total Number of Pages : 01

M.Pharm
M.PH2D.5

2nd Semester Regular / Back Examination 2018-19
CLINICAL PHARMACOLOGY AND TOXICOLOGY
BRANCH : PHARMACOLOGY

Time : 3 Hours

Max Marks : 70

Q.CODE : F145

Answer Question No.1 which is compulsory and any FIVE from the rest.
The figures in the right hand margin indicate marks.

- Q1 Answer the following questions : (2 x 10)**
- a) State the drug interaction between penicillin and probenacid
 - b) Justify why ciprofloxacin is not administered with antacid
 - c) Determine what happened when ethynylestradiol administered with broad spectrum antibiotics
 - d) State and justify the adverse effect of Olanzapine
 - e) Determine the drug interaction between gentamycin and succinylcholine
 - f) What is Cushing's syndrome?
 - g) Determine cross over design
 - h) Write the advantages of glyceryl trinitrate than dihydropyridines for treatment of IHD
 - i) Write the drug used for the treatment of pharyngitis
 - j) Write the drugs used for urinary tract infections
- Q2 a) Illustrate the homeostatic mechanism of blood pressure control. (5)**
b) Justify the drug therapy for hypertension. (5)
- Q3 a) Discuss the aetiology and pathophysiology of diabetes mellitus. (5)**
b) Give a note on pharmacotherapy of type-II diabetes mellitus. (5)
- Q4 a) Analyze the factors affecting cardiac output and discuss the cause of CHF. (5)**
b) Explain the drugs used for the management of CHF with it's ADR. (5)
- Q5 a) Define ADR, explain the type of ADR with suitable example and write its mechanism. (5)**
b) What is pharmacovigilance? Give a note on detection of ADR. (5)
- Q6 Describe arrhythmias, Discuss the cause of arrhythmias and explain the drugs used for the treatment of tachyarrhythmias. (10)**
- Q7 What is parkinson's disease? Explain the function basal ganglia with a neat diagram and discuss the drug therapy of parkinson's disease. (10)**
- Q8 Write short answer on any TWO : (5 x 2)**
- a) Pathogenesis and Treatment of AIDS
 - b) Drug therapy in pregnancy
 - c) Phases of clinical trial