



HEE-014-003508 Seat No. _____

Master of Pharmacy Management (Sem. V) (CBCS) Examination

November/December – 2017

Pharmacology - II

Faculty Code : 014

Subject Code : 003508

Time : **3 Hours**]

[Total Marks : **80**

- Instructions :**
- (1) Attempt three questions from each section.
 - (2) Questions 1 and 5 are compulsory.
 - (3) Figure to the right indicates full marks for the respective question.
 - (4) Draw neat and clean diagram wherever required.

SECTION - I

- 1** Answer the following: (ANY SEVEN) **2×7=14**
1. Comment: Metoclopramide reverse the action of L-DOPA.
 2. How will you differentiate the terms 'Opiates' and 'Narcotics'?
 3. Enlist different DMARDs.
 4. Write the mechanism of action of Ketamine.
 5. Write the use of Zolpidem.
 6. Define : A. Psychosis B. Opioids
 7. Write the mechanism of action and uses of Clonidine.
 8. Define: A. Dementia B. Status epilepticus.
 9. Enlist Hematinics and Plasma Expanders.
 10. Comment: Spironolactone may precipitate arrhythmias if used with potassium rich diet.
- 2** Answer the following questions : **13**
1. Classify Antidiuretic agents and write a note on **7**
Loop diuretics.

2. Write in brief the mechanism of action and uses of following Antihypertensive drugs. **6**
 A. Losartan B. Atenolol C. Nifedipine
- 3** Answer the following questions : **13**
1. Classify Angina. Explain in brief about the treatment of Angina. **7**
2. Classify non-selective COX inhibitors. Explain how they produce analgesics - antipyretic and anti-inflammatory effects ? **6**
- 4** Answer the following questions : **13**
1. Enumerate and define cardiotonics. Describe pharmacology of Digoxin in CCF. **7**
2. Enumerate Antihyperlipidemic drugs. Describe in brief the pharmacological actions of Statins. **6**

SECTION - II

- 5** Answer any TWO questions from the following : **2×7=14**
1. Describe pathophysiology and therapeutic agents for Alzheimer's disease.
2. Enumerate opioid agonist. Write on pharmacology of Morphine.
3. Describe various types of Epilepsies and classify antiepileptic drugs. Discuss in brief about Phenytoin.
- 6** Answer the following questions : **13**
1. Classify Antiparkinsonian drugs. Describe the pharmacology of L-DOPA. **7**
2. Write a note on pharmacological actions and therapeutic uses of alcohol. Explain in brief how ethyl alcohol used in the treatment of methyl alcohol poisoning. **6**

- 7** Answer the following questions : **13**
1. Explain bipolar disorder. Classify antidepressants and discuss in brief about Tricyclic Antidepressants (TCAs). **7**
 2. Explain in detail about pre-anaesthetic medications. **6**
- 8** Answer the following questions : **13**
1. Write a short note on Migraine. **7**
 2. Write in detail the pharmacology of Phenobarbitone. **6**
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