

T.Y.B.PHARM. SEMESTER-V (CBCS - 2015 COURSE) :

SUMMER - 2018

SUBJECT: PHARMACOLOGY - II

Day: Wednesday
Date: 02/05/2018

S-2018-3930

Time: 10.00 AM TO 01.00 PM
Max. Marks: 60

N.B:

- 1) **Q. No. 1** and **Q. No. 5** are COMPULSORY. Out of the remaining attempt **ANY TWO** questions from each section.
 - 2) Answers to the two sections should be written in the **SEPARATE** answer books.
 - 3) Figures to the right indicate **FULL** marks.
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SECTION – I

- Q.1** Answer the following (**ANY FIVE**) (10)
- a) Justify the use of calcium channel blockers in hypertension.
 - b) Explain mechanism of action of captopril.
 - c) Write the biosynthesis of nitric oxide.
 - d) What is physiological role of erythropoietin?
 - e) Name the drugs used in cardiac arrhythmia.
 - f) Explain the role of Vitamin K.
- Q.2** Describe with suitable examples pharmacological basis of drugs used in Congestive Cardiac Failure. (10)
- Q.3** a) Give an account of Iron preparations. (06)
- b) Write in brief pharmacology of heparin. (04)
- Q.4** Write short note on the following (**ANY TWO**) (10)
- a) Plasminogen activators
 - b) Nitroglycerin
 - c) Quinidine

SECTION-II

- Q.5** Answer the following (**ANY FIVE**) (10)
- a) Name loop diuretics with examples.
 - b) Write in brief mechanism and control of gastric acid secretion.
 - c) Classify antidiarrhoeal drugs.
 - d) Explain mechanism of action of spironolactone.
 - e) Explain pharmacological basis of use of loperamide as antidiarrhoeal.
 - f) Enlist laxatives with their uses.
- Q.6** Classify diuretics. Write mechanism of action, adverse effects and therapeutic uses of thiazide diuretics. (10)
- Q.7** a) Describe in brief the pharmacology of antihyperlipidemic drugs. (06)
- b) Give an account of emetics. (04)
- Q.8** Write short note on the following (**ANY TWO**) (10)
- a) Pharmacotherapy of IBD
 - b) Pharmacotherapy of cough
 - c) H₂ blockers

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