

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

WINTER - 2017

SUBJECT: PHARMACOLOGY -II

10.00 AM TO 01.00 PM

Day : Thursday

Time:

Date : 16/11/2017

W-2017-3803

Max. Marks: 60

N. B.:

- 1) Q.No.1 and Q.No 5 are **COMPULSORY**. Out of the remaining questions 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.

SECTION-I

- Q.1** Answer the following (**ANY FIVE**) (10)
- a) What is the pharmacological basis of using digoxin in CCF?
 - b) Name the antiplatelet agents. What is their use?
 - c) What is the pharmacological basis of using Isosorbide dinitrate in angina pectoris?
 - d) What are the differences between Heparin and Warfarin sodium?
 - e) What is erythropoietin? What is its action?
 - f) Define and classify haematinics with appropriate examples.
- Q.2** Describe with suitable examples pharmacological basis of drugs used in the treatment of hypertension. (10)
- Q.3** a) Name oral and parenteral Iron preparations. Describe the indications and adverse effects of Iron therapy. (06)
- b) Give an account of plasma expanders. (04)
- Q.4** Write short notes on the following: (**ANY TWO**) (10)
- a) Low molecular weight heparins.
 - b) Nitroglycerin.
 - c) Biosynthesis and regulation of nitric oxide.

SECTION-II

- Q.5** Answer the following (**ANY FIVE**) (10)
- a) What is the pharmacological basis of using Omeprazole in peptic ulcer?
 - b) What is the pharmacological basis of using Salbutamol in bronchial asthma?
 - c) Name the potassium sparing diuretics.
 - d) What are the components of sulfasalazine and in which clinical condition it is used?
 - e) Why ranitidine is preferred over Cimetidine in peptic ulcer?
 - f) What is the common cause of recurrence of peptic ulcer? How it is managed?
- Q.6** Classify purgative. Describe the mechanism of action and adverse effects of different categories of purgatives. (10)
- Q.7** a) Discuss the pharmacology of drugs used for the treatment of cough. (06)
- b) Describe the pharmacology of Antihyperlipidemic drugs. (04)
- Q.8** Write short notes on the following: (**ANY TWO**) (10)
- a) Loop diuretics
 - b) Emetics
 - c) Antacids

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