

SUBJECT: PHARMACOLOGY - II

Day: Wednesday

Date: 21/11/2018

W-2018-4088

Time: 10.00 A.M. TO 01.00 P.M.

Max. Marks: 60

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**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 role of Digitalis in Congestive Cardiac Failure.
  - b) What are ATRBs? Explain their mechanism of action.
  - c) Name Nitric Oxide donors.
  - d) Differentiate between Heparin and Warfarin Sodium.
  - e) Name Antiplatelet agents, What are their uses?
  - f) Define haematinics with examples.
- Q.2** Describe with suitable examples pharmacological basis of drugs used in treatment of Cardiac Arrhythmia. (10)
- Q.3** a) Write the pharmacology of ACE inhibitors. (06)
- b) Write pharmacology of Vitamin B<sub>12</sub>. (04)
- Q.4** Write short note on the following ( **ANY TWO**) (10)
- a) Vasodilators
  - b) Physiological role of NO
  - c) Thrombolytics

**SECTION-II**

- Q.5** Answer the following ( **ANY FIVE**) (10)
- a) Write mechanism of emesis.
  - b) Give examples of Carbonic anhydrase inhibitors.
  - c) Give examples of mast cell stabilizers.
  - d) What is the pharmacological basis of using prednisolone in asthma?
  - e) Write adverse effects of systemic antacids.
  - f) What are the advantages of potassium sparing diuretics?
- Q.6** Classify anti-asthmatics. Describe the mechanism of action, adverse effects and therapeutic uses of Salbutamol. (10)
- Q.7** a) Give an account of Statins. (06)
- b) Describe the pharmacology of proton pump inhibitors. (04)
- Q.8** Write short note on the following( **ANY TWO**) (10)
- a) Thiazide diuretics
  - b) Anti-tussives
  - c) Antidiarrhoeals

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