

M. PHARM (PHARMACOLOGY) SEM – II (CBCS – 2019) : Winter 2021  
SUBJECT: ADVANCED PHARMACOLOGY - II

Day: Monday  
Date: 29-11-2021

Time 02:00 PM-05:00 PM  
Max. Marks: 75

W-20765-2021

N. B.

- 1) Question 1 and 5 are compulsory. Out of remaining questions answer any two from each section
- 2) Answer to both section should be written in separate answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION - I

- Q. 1 Write a detailed note on insulin hormone. (08)
- Q. 2 Classify beta lactam antibiotics. Assess the role of cephalosporins with their mechanism of action, spectrum of activity, clinical uses, adverse effects and drug interactions. (15)
- Q. 3 Classify anti-asthmatic drugs. Analyse the role of leukotriene antagonists in treatment of asthma. Derive pharmacotherapy of moderate asthma. (15)
- Q. 4 Write notes any **TWO** of the following (15)
- a) Resistance to antimicrobials
  - b) Growth hormone
  - c) Prolactin

SECTION - II

- Q. 5 Elaborate the role of corticosteroids in treatment of inflammation. (07)
- Q. 6 Classify antiulcer drugs. Explain in detail the pharmacology of proton pump inhibitors. (15)
- Q. 7 Write notes on (15)
- a) Circadian rhythm and its application in drug therapy
  - b) Antioxidants in treatment of diabetes mellitus
  - c) Amphotericin
- Q. 8 Write notes any **TWO** of the following (15)
- a) Anthelmintics
  - b) Oral contraceptives
  - c) Rifampicin

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