

FINAL YEAR B.PHARM. SEMESTER-VIII (2011 COURSE) :

SUMMER - 2018

SUBJECT: PHARMACOLOGY-IV

Day: Friday
Date: 27/04/2018

S-2018-3984

Time: 02.00 PM TO 05.00 PM
Max.Marks:80

N.B.:

- 1) Q.no.1 and 5 are **COMPULSORY**. Out of the remaining attempt any **TWO** questions from Section - I and any **TWO** questions from Section - II
- 2) Answer to the two sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION -I

- Q.1** Answer the following (**ANY FIVE**) (10)
- a) Classify anti-tubercular drugs.
 - b) What are alkylating agents?
 - c) Classify Sulphonamides.
 - d) Mention the side effect associated with Streptomycin.
 - e) Write the mechanism of action of Penicillins.
 - f) Enlist the drugs used for Leprosy.
- Q.2** a) Describe the pharmacology of Tetracyclines. (08)
b) Classify sulphonamides with a note on their mechanism of action and adverse effects. (07)
- Q.3** a) Discuss the pharmacotherapy for Tuberculosis. (08)
b) Describe the drug treatment in Pregnant women. (07)
- Q.4** Write short notes on (**ANY THREE**) (15)
- a) Treatment for Protozoal infections.
 - b) Macrolide antibiotics.
 - c) Quinolones and Fluoroquinolones.
 - d) Anti-fungal agents.

SECTION -II

- Q.5** Answer the following (**ANY FIVE**) (10)
- a) Classify oral hypoglycemics.
 - b) What are the side effects associated with corticosteroids?
 - c) Write the names of hormones secreted from the anterior pituitary gland.
 - d) Write the uses of uterine relaxants.
 - e) Mention the uses of Anti-estrogens.
 - f) Write the biosynthesis of peptides.
- Q.6** a) Write the physiology of Thyroxin and add a note on anti-thyroid drugs. (08)
b) Write the importance of Chronopharmacology. (07)
- Q.7** a) What are the androgens? Write the pharmacology of Testosterone. (08)
b) Write a note on Oxytocin. (07)
- Q.8** Write short notes on (**ANY THREE**) (15)
- a) Peptide antagonists
 - b) Insulin
 - c) Immunosuppressants
 - d) Oral contraceptives

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