

Code: 13R00703

R13

B.Pharm IV Year I Semester (R13) Regular Examinations November 2016

PHARMACOLOGY - III

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Write the mechanism of sucralfate and its uses.
 - (b) Define emesis and give one example for emetics.
 - (c) What are the uses of penicillin?
 - (d) Give the mechanism of macrolides antibiotic.
 - (e) What are the causes of cancer?
 - (f) Give examples for protease inhibitors.
 - (g) List out the uses of clofazimine.
 - (h) Mention the side effects of metronidazole.
 - (i) Define bioassay and therapeutic index.
 - (j) What are errors in bioassay?

PART – B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT - I

- 2 Classify anti-emetics drugs and write the pharmacological actions of pro-kinetics.

OR

- 3 Add an elaborate note on anti H.Pylori drugs and its treatment regimens.

UNIT - II

- 4 Classify cephalosporins. Discuss about toxicity and resistance of penicillin.

OR

- 5 Classify sulphonamides and explain the pharmacological actions of sulphamethoxazole.

UNIT - III

- 6 Classify anti-TB drugs and write the pharmacological actions of Isoniazid.

OR

- 7 Give Anti-cancer drugs classifications and add a note on Vinca alkaloids.

UNIT - IV

- 8 Mention the non selective anti-viral drugs and discuss about the interferon alpha.

OR

- 9 Classify anti-malarial drugs and write the pharmacological actions of Artesunate.

UNIT - V

- 10 Write the signs, symptoms and treatment for mercury poisoning.

OR

- 11 Explain any two methods of insulin bioassay.
