

RUHS Second MBBS (Main) Examination
Pharmacology Paper -I Date: February 2018 Time: 3 hours Max
Marks: 40

Instructions: Attempt all questions. (Use separate answer sheet for each section)

SECTION A

1. Enumerate the factors modifying drug action. Explain how liver function, kidney function, cardiac disease and thyroid status modify drug action giving suitable examples. (08)
2. Write short notes on (3 x 2 06)
 - a) Atypical antidepressants(A. 441, B. 195)
 - b) Proton pump inhibitors(A. 651,B. 621)
 - c) Prostaglandin analogues in treatment of glaucoma(A. 154, B. 1030)
3. Write short notes on;
 - a) Moderately severe asthma (A. 232, B. 361)
 - b) Organophosphorous poisoning(A. 110, B. 289)
 - c) Migraine

SECTION B

4. Give the suitable answer for the following; (1 x 10 = 10)
 - a) Advantages of phosphenytoin over phenytoin(A. 413, B. 127)
 - b) Role of placebo in medicine
 - c) Clinical implications of zero order kinetics.(A. 31, B. 23)
 - d) Levodopa and not dopamine is used in the treatment of Parkinsonism.(A.426, B. 231)
 - e) Advantages of 2nd generation antihistaminics over 1st generation antihistaminics.(A. 166, B. 320, 324)Clinical implications of microsomal drug metabolism.(A. 26, B. 30)
 - f) Mechanism of action of lignocaine.(A. 361, B. 241)
 - g) Role of sucralfate in therapy of peptic ulcer
 - h) Some drugs require therapeutic drug monitoring.(A. 34, B. 24)
 - i) Paediatric preparations of tetracyclines are not available in the market.(A.778, B. 689)