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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)
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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 ist generation antihistaminics.(A. 166, B. 320, 324)Clinical implications of microsomal drug infection.(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 therapeuticdrug moitoring.(A. 34, B. 24)
i) Paediatric preparations of tetracyclines are not available in the market.(A.778, B. 689)

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