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The West Bengal University of Health Sciences

MBBS 2nd Professional Examination, 2014

Subject : Pharmacology **Full Marks : 40**

Paper – II **Time : 2 hours**

Use Seperate answer script for each group

Attempt all questions. The figures in the margine indicate full marks

Group – A

1. (a) Enumerate antiepileptic drugs. Discuss the mechanism of action of sodium valproate as an anticonvulsant. Outline the treatment strategy of status epilepticus. 4+3+3

Or

(b) Enumerate oral antidiabetic drugs. Discuss the mechanism of action of biguanides. Outline the treatment of hyperosmolar diabetic coma. 3+2+5

Group – B

2. Explain why (*any three*) : 3 x 3
   a) Ciprofloxacin and theophylline should not be co-prescribed.
   b) Gluco-corticoids should be tapered off gradually after long term therapy.
   c) Metronidazole is to be avoided in chronic alcoholics.
   d) Alphacalcidol is effective in renal rickets

Group – C

3. Discuss the mechanism of action of (*any three*) : 3 x 3
   a) Triptans in Migraine.
   b) Fluconazole as antifungal agent
   c) Prpyl thiouracil in hyperthyroidism
   d) Pantoprazole in peptic ulcer

Group -D

4. Write short notes on (*any four*) : 4 x 3
   a) Super infections.
   b) Chloroquin
   c) Methotrexate.
   d) Emergency contraceptives.
   e) Propafol

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