



G-4012

Second Year M.B.B.S. Examination

~~December 2014~~ January - 2015

Pharmacology : Paper-II

2015

92
7/1/15

Time : Hours]

[Total Marks : 40

Instructions :

(1)

नीचे द्वाविष \leftarrow निम्नलिखित विषयों के उत्तरों पर अवश्य ध्यान दें।
Fill up strictly the details of \leftarrow signs on your answer book.

Name of the Examination :
SECOND YEAR M.B.B.S.

Name of the Subject :
PHARMACOLOGY : PAPER-II

Subject Code No. : 4 0 1 2 Section No. (1, 2,.....) : Nil

(2) Write to the point, precisely and briefly.

(3) Give examples.

1 Answer very briefly :

9

- Mention two drugs from different categories which delay the process of labour.
- Mention two pharmaco-logical properties of thiopental sodium which are responsible for rapid induction and rapid recovery from general anesthesia.
- Why watch is kept on creatinine clearance when gentamycin is used in an elderly patient ?
- Define MIC in relation to chemotherapy.
- Oxytocin and not ergometrine is used for induction of labour. Give one reason.
- What is recrudescence in relation to malaria ?
- Mention one precaution needed when β -blocker is used for a very long standing case of hyperthyroidism.
- Mention two side effects of alcohol for which a person is not allowed to drive vehicle.
- Mention two drugs which are useful in treatment of over dose of Paracetamol.

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[Contd...

2 Answer any three :

9

- ~~+~~(a) Describe replacement therapy with glucocorticoids. 290.
- + (b) Enumerate various drugs from different categories for amebiasis. Describe rational approach of drug treatment of amebiasis. 837, 842.
- + (c) Describe with suitable examples the terms additive, supra-additive and antagonistic combinations of antibacterial drugs. 698.
- + (d) Enumerate various benzodiazepines from different categories. Describe briefly why BNZS have superseded barbiturates as sedatives and hypnotics. 398, 407.

3 Answer any four :

12

- ~~+~~(a) Enumerate various types of insulin as per their duration of action. Describe briefly how you will start and maintain the insulin therapy for those patients who show failure with oral antidiabetic drugs. 263,....
- + (b) Enumerate various non steroidal anti-inflammatory drugs from different categories. Describe the adverse effects and precautions during therapeutic uses of aspirin. 192, 195, 198.
- ~~+~~(c) Enumerate various synthetic estrogen compounds. Describe their therapeutic uses giving pharmacological basis. 306, 309.
- (d) Enumerate various tetracyclines with their respective Pharmacokinetic properties. Enumerate all clinical conditions where these drugs are highly effective. 735, 737.
- + (e) Classify various sulfonamides. Describe their clinical uses and side effects. 704, 706.

4 Answer any two :

10

- + (a) Enumerate various first line and second line antituberculosis drugs. Describe briefly various goals of treatment of tuberculosis. Describe how these goals can be achieved by these drugs. Your answer should include side effects of drugs. 765, 772, 773, ... 777.
- + (b) Classify various antimalarial drugs based on clinical uses. Describe briefly clinical uses and pharmacokinetic properties of commonly prescribed artemisinin derivatives. 818, 829, 830, 831.
- (c) Enumerate various drugs showing abuse potential. Describe briefly various goals of treatment of abuse/addiction. Describe also how these goals can be achieved by appropriate drugs. 88, 122.