

GAL 2002

Second Year MBBS Examination

II MBBS Pharmacology Paper 2

Time: 2 hours Max Marks: 40

Instructions:

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

1. Multiple choice questions (10)
 - a. Primarily used to promote ovulation in females wishing to become pregnant:(A) Danazol (B) Medroxyprogesterone acetate(C) L-Norgestrel (D) Clomiphene
 - b. Mechanism of action of isoniazid(INH) is: (A) Competitive inhibitor with PABA (B) Mycolic acid synthesis inhibitor (C) Binds and inhibits RNA polymerase (D) Blocks protein synthesis

- c. Which is HIV protease inhibitor?(A) Saquinavir(B) Ribavirin(C) Stavudine(D) Rimantadine
- d. The Drug associated with "Gray baby syndrome" which is characterized by pallor,cyanosis, and even death is (A) Tetracyclin (B) Chloramphenicol (C) Third-generation cephalosporins (D)(A) & (B)
- e. Bleeding from warfarin may be reversed by(A) Protamine sulphate(B) Enoxaparin(C) Hirudin(D) Vitamin B
- f. Which one of the following insulin preparations exhibits a relatively longer duration of action?(A) Glulisine (B) Lispro (C) Detemir(D) Aspart
- g. Which antimicrobial is used topical(A) Neomycin(B) Streptokinase(C) Kanamycin(D) Penicillin G
- h. Montelukast acts by (A) Inhibiting mast cells (B) Inhibiting IgE antibody (C) MBB receptor antagonism (D) Leukotriene receptor antagonism
- i. All are advantages of Azithromycin over Erythromycin EXCEPT (A) Higher efficacy (B) Once daily dosing (C) Active against Erythromycin-resistant bacteria (D) Better gastric tolerance
- ~~j. Toxicity of Methotrexate can be overcome by~~

(A) Niacin (B) Folic acid (C) Riboflavin (D)
Retinoic acid

Section 2

1. Write short notes on: (two out of any three) (10)
 - a. Treatment of amoebiasis
 - b. Treatment of typhoid fever
 - c. Treatment of status asthmaticus
2. Write briefly on: (four out of five) (10)
 - a. Suppressive prophylaxis of Malaria
 - b. Shared toxicities of aminoglycoside antibiotics
 - c. Beta lactamase inhibitors
 - d. Radioactive iodine
 - e. Mucolytics
3. Write short notes on: (two out of any three) (10)
 - a. Indications, contraindications and adverse drug reactions of corticosteroids
 - b. Fibrinolytic drugs
 - c. Oral contraceptives.
