

Second Year MBBS Examination

II MBBS Pharmacology Paper 1

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.MCQ

x 10= (10)

- a. The following anti asthma drug is not a bronchodilator. A. Ipratropium bromide B. Theophylline C. Formoterol D Sodium cromoglycate
- b. Indications of somatostatin include: A. Macroprolactinoma B. Zollinger Ellison syndrome C. Bleeding esophageal varices D. Steatorrhoea
- c. Triiodothyronine differs from thyroxine in that A. It is more avidly bound to plasma proteins B. It has a shorter plasma half life C. It is less potent D. It has a longer latency of action
- d. The insulin preparation of choice in diabetic ketoacidosis is A. Regular insulin B. Lente insulin C. Isophane insulin D. A 30: 70 mixture of plain and isophane insulin
- e. The most important mechanism of anti-inflammatory action of glucocorticoids is: A. Inhibition of lysosomal enzymes B. Restriction of recruitment of inflammatory cells at the site of inflammation C. Antagonism of action of interleukins D. Suppression of complement function
- f. A patient of chronic renal failure maintained on intermittent haemodialysis has anaemia not responding to iron therapy. Which of the following additional drug is indicated : A. Epoetin B. Cyanocobalamin C. Folic acid D. Pyridoxine
- g. Superinfections are more common with: A. Use of narrow spectrum antibiotics B. Short courses of antibiotics. C. Use of antibiotics that are completely absorbed from the small intestines D. Use of antibiotic combinations covering both gram positive and gram negative bacteria

- n. Select the drug that is active against both HIV and hepatitis B virus A. Lamivudine B. Indinavir C. Didanosine D. Efavirenz
- i. Ciprofloxacin is not active against A. H. Influenzae B. E. coli C. Enterobacter sp. D. Bacteroides fragilis
- j. Which first line antitubercular drug is only an tuberculostatic and not tuberculocidal: A. Isoniazid B. Ethambutol C. pyrazinamide D. Rifampin

Section 2

2. Write short notes on: (Two out of three).

(10)

- a. Treatment of Diabetic ketoacidosis
- b. Treatment of Chloroquine resistant malaria
- c. DOTS

3. Write briefly on: (Four out of Five)

- a. Adverse effects of corticosteroids
- b. Emergency contraception
- c. Radioactive Iodine
- d. Adverse effects of chloramphenicol
- e. Why aminoglycosides are given in once daily dosing

4. Write short notes on: (Two out of Three)

- a. Treatment of status asthmaticus
- b. Treatment of Sars-nCov
- c. Fibrinolytics in myocardial Infarction
