



12-01-2022

01211 A3+01211 A4

II-MBBS

Second M.B.B.S. (Main) Examination (New Scheme)

January - 2022

PHARMACOLOGY

Paper-Second

Time: Three Hours

Maximum Marks: 40

Maximum Marks: 100

Attempt all questions in both sections

(Use separate answer book for each section)

Section-A

1. Fill in the blanks:

6 x 1 = 06

- A young girl of 20 years has taken a suicidal overdose of digoxin, the drug of choice in treatment will be _____.
- An aminoglycoside is used in hepatic coma _____.
- A 35 year old patient having severe pain along the right side jaw & face best choice for this neuralgic pain _____.
- Drug of choice for malaria during pregnancy is _____.
- Prolong treatment with INH (Isoniazid) leads to deficiency of _____.
- The drug of choice of Kala azar is _____.

2. Multiple choice questions:

4 x 1 = 04

i) Drug of choice for central diabetes insipidus is-

- Desmopressin
- Leuprolide
- Thiazide diuretics
- Insulin

ii) Finasteride act by blocking-

- A – receptors
- 5 – α reductase enzyme
- Androgen receptors
- β - receptors

iii) Ethambutol causes

- Retrobulbar neuritis
- Deafness
- Red urine
- Peripheral neuritis

iv) Dose limiting toxicity of Amphotericin – B is-

- Infusion related reaction
- Renal tubular acidosis
- Myelosuppression
- Hypotension

3. Clinical case study- A 50 year old male with type 2 diabetes mellitus blood sugar fasting 150 mg BP 140/90 mm Hg, Urine albumin 24 hour 2.4 gm (Mild Albuminuria), serum albumin 2.8 g/dl normal S. creatinine.

5 x 3 = 15

- Which antihypertensive drug is safely use for above patient for renal problem?

- b) What is the mechanism of action?
- c) What is the treatment required?
- d) What are the two serious adverse effects of used drug?
- e) What questions ask for physical examination and investigation required for treatment monitoring.

4. Write short notes on (Any five):

5 x 2 = 10

- a) Osteoporosis
- b) Diabetic ketoacidosis
- c) Thyroid storm
- d) Anabolic steroids
- e) Oral hypoglycemic drugs
- f) Folic acid in pregnancy

5. Explain briefly (Any three):

3 x 5 = 15

- a) Doxycycline in malaria.
- b) LMWH preferred over unfractionated heparin.
- c) Beta-blocker are indicated and also contraindicated in congestive heart failure.
- d) Aspirin stop before surgery.

Section-B

6. Explain why treatment of tuberculosis is done with multiple drugs for prolonged period. Enumerate four uses and four adverse effects of Rifampicin. Write the treatment regimen for a newly diagnosed case of a pulmonary tuberculosis. 20

7. Write short notes on (Any five):

5 x 2 = 10

- a) Osmotic diuretic
- b) Cephalosporin
- c) Drugs for H. Pylori
- d) Clomiphene citrate
- e) Antiplatelets drug
- f) Desferrioxamine

8. Explain briefly (Any four):

4 x 5 = 20

- a) Albendazole is preferred over praziquantel in treatment of Neurocysticercosis.
- b) Treatment of mixed worm infestation.
- c) Acute amoebiasis treatment.
- d) Status of malaria chemoprophylaxis.
- e) Chelating agents.