

**Date: 04-07-2018**

**0718 E188**

**Second Year MBBS Examination**

**II MBBS Pharmacology Paper 2**

**Time: 2 hours**

**Max Marks: 40**

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. Write briefly (any two)**

- a)** Classify drugs used in peptic ulcer. Discuss the mechanism of action uses and adverse effects of (10)

proton pump inhibitors(A. 657, B. 624)

**b)** Classify macrolide antibiotics. Write the mechanism of action &

Antibacterial spectrum of

Erythromycin. Therapeutic uses and adverse effects of Erythromycin

**c)** Classify anti amoebic drugs. Write the mechanism of action and anti

protozoal actions Of Metronidazole.

Therapeutic uses and adverse effects of Metronidazole.

## **2. Write briefly (any three)**

**a)** Thiazolidinediones (12)

**b)** Mechanism of action and side effect of aminoglycoside(A. 745, B. 675)

**c)** Mechanism of action and uses of antiplatelet drugs

**d)** Antipseudomonal penicillins (A.724)

## **3. Write briefly (any three)**

**a)** Pharmacotherapy of osteoporosis (12)

**b)** Pharmacotherapy of plasmodium falciparum resistant malaria

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- c) Pharmacotherapy of MDR tuberculosis
- d) Methotrexate

#### **4. Answer in one or two sentences (any six):**

- a) Pharmacological basis for the use of pyridoxine with isoniazid (6)
- b) Pharmacological basis for the use of folinic acid with methotrexate
- c) Pharmacological basis for the use of mesna with cyclophosphamide
- d) Pharmacological basis for the use of ergometrine in postpartum haemorrhage
- e) Pharmacological basis for the use of erythropoietin in anemia of chronic renal failure
- f) Pharmacological basis for the use of tazobactam with piperacillin
- g) Pharmacological basis for the use of tamoxifen in breast cancer
- h) Pharmacological basis for the use of corticosteroid as

# immunosuppressant

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