

**0117 E07**

**Second Year MBBS Examination**

**II MBBS Pharmacology Paper 2**

**Time: 2 hours Max Marks: 40**

**Date: 04-01-2017**

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) (10)**

**a) Classify oral hypoglycemic drugs.**

Describe the pharmacological actions, therapeutic uses & effects of metformin. (B. 897)

**b) Classify antitubercular drugs.**

Discuss the drug regimen for treatment of a fresh case of pulmonary tuberculosis. (A. 765, B. 739)

**c) Classify drugs used for the treatment of peptic ulcers. Describe drug treatment for H. pylor infection. (A. 657, B. 624)**

**2. Write briefly (any three) (12)**

**a) Management of chloroquine resistant malaria (A. 820, B. 776)**

**b) Treatment of hypothyroidism (A.245)**

**c) Heparin (A. 619, B. 475)**

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

**3. Write briefly (any three) (12)**

**a) Therapeutic uses and adverse effects of methotrexate (A. 862, B.**

821)

**b)** Tocolytics (A. 332, B. 633)

**c)** Hormones in cancer chemotherapy  
(A.238)

**d)** Topical antifungal drugs (A. 796, B. 699)

#### **4. Answer in one or two sentences**

**(any six):** **(6)**

**a)** Pharmacological basis for the use of corticosteroids as immunosuppressant

**b)** Pharmacological basis for the use of dehydroemetine in hepatic amoebiasis

**c)** Pharmacological basis for the use of clomiphene in female infertility

**d)** Pharmacological basis for the use of erythropoietin in anemia of chronic

renal failure

**e)** Pharmacological basis for the use of metronidazole in bacterial infection (A.837, B.784)

**f)** Pharmacological basis for the use of pyridoxine along with isoniazid in patients with tuberculosis

**g)** Pharmacological basis for the use of amphotericin-B for systemic fungal infection

**h)** Pharmacological basis for the use of clavulanic acid with amoxicillin