

**Date: 05-01-2016**

**0116 E029**

**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) (10)**

**a) Classify corticosteroids. Describe pharmacological actions, therapeutic uses and adverse effects of prednisolone (A.288)**

~~**b) Classify anti-tubercular drugs. Describe**~~

pharmacological actions, therapeutic uses and adverse effects of rifampicin. (A.767)

c) Classify drugs used in the treatment of diabetes mellitus. Describe mechanism actions, therapeutic uses and adverse effects of glimepiride. (A.272)

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

**(12)**

a) Sulfasalazine (A.211,683)

b) Management of gram negative septicemia

c) Leucovorin rescue (A.610)

d) Vitamin E (A.911)

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

**(12)**

a) Management of enteric fever (A. 712, B. 695)

b) Role of taxanes in carcinoma breast  
(A.865)

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c) Erythropoietin (A.611)

d) Retinoids (A.894,911)

**4. Answer in one or two sentences (any six): (6)**

a) Pharmacological basis for the use of corticosteroids in some patients of tuberculosis

b) Pharmacological basis for the use of methotrexate as immunosuppressant (A.862, B. 821)

c) Pharmacological basis for the combined use of amoxicillin and clavulanic acid

d) Pharmacological basis for the use of propranolol in thyroid storm(A.146,149,8.275-277)

e) Pharmacological basis for the use of

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## oxytocin in induction of labor

**f)** Pharmacological basis for the use of menotropins in infertility

**g)** Therapeutic status of fluconazole as antifungal drugs(A. 796, B. 699)

**h)** Therapeutic status of bisphosphonates in osteoporosis

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