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0116 E009

**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. Write briefly (any two) (10)

- a) Classify beta adrenoreceptor blockers. Describe the pharmacological of action, adverse effects and therapeutic uses of propranolol.(A. 146, 149, B. 275-277)
 - b) Classify sedative hypnotics drugs.
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Describe the pharmacological of action, adverse effects and therapeutic uses of diazepam.(A. 402, 405, 407, B. 109-111)

c) Classify drugs used in the treatment of dyslipidemia. Describe the mechanism of action, adverse effects and therapeutic uses of atorvastatin.(A.635, 637)

2. Write briefly (any three) (12)

a) Pharmacovigilance (A.99)

b) Management of acute attack of migraine (A. 176, B. 333)

c) Misoprostol (A. 320, B. 962)

d) Drug dependence (A.87)

3. Write briefly (any three) (12)

a) Merits and demerits of spinal anesthesia(A. 369, B. 240)

b) Merits and demerits of enteral route of administration (A.8,15)

c) Merits and demerits of intrinsic

sympathomimetic activity(A.129, 130)

d) Penicillamine(A. 716, B. 652)

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

a) Pharmacological basis for the use of alfa receptor blockers in benign prostatic hyperplasia

b) Pharmacological basis for the use of thiopentone sodium in induction of anesthesia

c) Pharmacological basis for the combined use of levodopa and carbidopa in parkinsonism

d) Pharmacological basis for the use of sildenafil in erectile dysfunction

e) Pharmacological basis for the use of adenosine in paroxysmal supraventricular tachycardia

f) Pharmacological basis for the use of Morphine in acute left ventricular failure

g) Pharmacological basis for the

combined use of fluticasone and
salmeterol in bronchial asthma

h) Pharmacological basis for the use
of Brimonidine in glaucoma

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