

B. Pharm. (Sixth Semester)  
EXAMINATION, June, 2012

(New Scheme)

PHARMACOLOGY – III

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Time : Three Hours

Maximum Marks : 70

Note : Attempt any five questions. Draw diagram where required. All questions carry equal marks.

1. (a) Classify antihypertensive drugs. Explain the pharmacology of ACE inhibitors in detail. 9  
(b) Explain the mechanism of organic nitrates. 5
2. (a) Enumerate therapeutic implications of corticosteroids. 5  
(b) Classify antidiabetic drugs. 6  
(c) Briefly explain the profile of sulfonyl urea. 3
3. Explain the pathophysiology of erectile dysfunction. Mention the drugs used in the treatment of erectile dysfunction. 14
4. Briefly explain blood clotting mechanism. Explain and classify oral coagulants. 14

5. Enumerate the pathophysiological reasons behind arrhythmia. Classify anti-arrhythmic drugs. Explain the mechanism of adenosine. 6, 4, 4
6. Write short notes on any two of the following : 7 each  
(a) Plasma expanders  
(b) Antithyroid drugs  
(c) Oxytocin
7. (a) Explain in detail about oral contraceptives. 7  
(b) Explain mechanism of statin with its ADR. 7
8. Explain the following terms :  
(a) Angioedema 2  
(b) Pre-load 2  
(c) Coronary steal phenomenon 5  
(d) Wolf Parkinson White syndrome 5

Or

Thyroid storm.

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