

Seat No. \_\_\_\_\_

**Second Year M, B, B, S. Examination**  
**July – 2016**

**Pharmacology: Paper – I – 9675**

**Time – 2 hours.**

**Total Marks – 40**

**Dt.- 13<sup>th</sup> July 2016**

**Instructions-**

- 1, For each section use separate answer books.
- 2, Figures on right indicates full marks.
- 3, Illegible answer will not fetch marks.

**SECTION-I**

**Q. 1.** Define drug absorption. Describe the factors affecting drug absorption. (2+6) (8)

**OR**

**Q.1.** Define drug. Describe various factors modifying drug effect. (2+6) (8).

**Q.2.** Attempts any two of the following.

(6)

- I, Preanaesthetic medication.
- II, Post marketing surveillance.
- III, Opioid analgesics Vs NSAIDS.

**Q.3** Answers in brief (in few lines) the following.

(6)

- I, Mention rational of dopamine use in cardiogenic shock.
- II, Name four drugs causes renal toxicity.
- III, Mention any two non-benzodiazepine hypnotics.
- IV, Mention four drugs bound to plasma albumin.
- V, Why dopamine alone is not use in parkinsonism?
- VI, Define teratogenicity. Name any two drugs which causes teratogenicity.

## SECTION- II

**Q.4, Describe various classes of the drugs used for treatment of CCF. Mention Pharmacokinetic and Pharmacodynamics of captopril.** (2+6) (8)

**OR**

**Q.4, Classify various antianginal drugs. Mention Pharmacokinetic and Pharmacodynamics of Nitrates.** (2+6) (8)

**Q.5, Attempt any two of the following.** (6)

I, Role of vitamin B<sub>12</sub> in anemia.

II, Sodium Valproate.

III, Colchicine.

**Q.6 Answers in brief (in few lines) the following.** (6)

I, Mention contraindications of combine use of Lignocaine and Adrenalin for local anesthesia.

II, What is the use of corticosteroids in case of Gout?

III, Give two examples of physiological antagonism.

IV, Mention two groups of drugs used for prevention of migraine.

V, Define Pharmacogenetics.

VI, Name any two tri-cyclic anti-depressant. Mention their two important uses.

----- **BEST OF LUCK** -----