

# **Madhya Pradesh Medical Science University, Jabalpur**

**2<sup>nd</sup> M.B.B.S. Professional Examination 2017 (Summer)**

**Question Paper Code - 17AM0000100531**

**Pharmacology - Paper-I**

**Time : 2.30 Hours**

**Instructions:**

**Maximum Marks : 32**

- 1) All questions are compulsory
- 2) Draw diagrams wherever necessary for Question no. 2, 3 and 4.
- 3) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 4) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.

## **2. Long Answer Question**

- a. Classify  $\beta$  blockers. Describe therapeutic uses and adverse effects of  $\beta$  blockers.  $2 \times 5 = 10$
- b. Classify the drugs used in treatment of congestive heart failure. Discuss the drug used in CHF to improve survival. ✓

## **Q3 Write Short Notes on:-**

- a. Pharmacogenetics
- b. Therapeutic Index ✓
- c. Management of digitalis overdose ✓
- d. Therapeutic uses of Neostigmine.

**4 X 3 = 12**

## **Q4 Write two most suitable drugs for each of following conditions:-**

- a. Benign prostatic hyperplasia  $10 \times 1 = 10$   
*Alfentanil, Pargazen, Doxazosin, Tamsulosin*
- b. Torsade de pointes. *mg sulphate, Propranolol*
- c. Motion sickness *Hydro, Pyromethazin*
- d. Open angle glaucoma *Timolol, Betaxolol*
- e. NSAID induced peptic ulcer *Omeprazole, Esomeprazole*
- f. Nocturnal asthma *Salmeterol, Formoterol*
- g. Chemotherapy induced late emesis
- h. Hypertension during pregnancy
- i. Dissecting aortic aneurysm  *$\beta$ -Blocker*
- j. Prophylaxis of migraine  *$\beta$ -Blocker, CCB, Antidepressant*  
*Propranolol*  
*metoprolol*