**B.Pharm 5th Semester Examination**

**Subject- Pharmacology-II (BP250T)**

 **Full mark- 75 Time – 3 hours**

 **Multiple type questions (Answer all) (20x1=20)**

**1. Fibrinolytic drugs are used for following except**

**(a) Central deep venous thrombosis**

**(b) Multiple pulmonary emboli**

**(c) Heart failure**

**(d) Acute myocardial infarction**

**2. \_\_\_\_\_\_\_antianginal agents is a potassium channel opener.**

 **(a) Dipyridamole (b)Val idol**

 **(c) Atenolol (d) Minoxidil**

**3. Gastric acid secretion is under the control of following agents expect**

 **(a) Histamine (b) Acetylcholine**

 **(c) Serotonin (d) Gastrin**

**4. \_\_\_\_\_\_ drug which is a H2-receptor antagonist.**

 **(a) Omeprazole (b) Pirenzepine**

 **(c) carbenoxolone (d) Ranitidine**

**5. \_\_\_\_\_\_ Group of drugs is used for asthma treatment.**

 **(a) Methylxanthines (b) M- cholinoblocking agents**

 **(c) Beta2-stimulants (d) All of above**

**6. \_\_\_\_\_\_ Drug belonging to membrane stabilization agents.**

 **(a) Zileutin (b) Sodium cromoglycate**

 **(c) Zafirlucast (d) Montelukast**

**7. \_\_\_\_\_ drug stimulating the protective function of the mucous barrier and the stability of the mucous membrane against damaging factors.**

 **(a) Sodium cromoglycate (b) Sucralfate**

 **(c) Misoprostol (d) Omeprazole**

**8. The mechanism of methylxanthines action is.**

 **(a) Inhibition of the enzyme phosphodiesterase**

 **(b) Beta2-adreneoreceptor stimulation**

 **(c) Inhibition of the production of inflammatory cytokines**

 **(d) Inhibition of M- cholinoreceptors**

**9. \_\_\_\_\_ is a common adverse effect of ACE inhibitors in susceptible individuals.**

 **(a) Cough (b) Platelet Aggregation**

 **(c) Disorientation (d) Gynecomastia**

**10. Which of the following antihyperlipidemic drugs reduce cholesterol biosynthesis by blocking Hydroxy Methyl Glutaryl Coenzyme A reductase enzyme?**

 **(a) Simvastatin (b) Nicotinic acid**

 **(d) Cholestyramine (d) Gugulipids**

**Long questions (Answer any two) (2 x 10=20)**

1. **Describe biosynthesis, storage and release of insulin. Add a note insulin preparation?**
2. **Write an entire pharmacological account of Quinidine including mechanism of action, pharmacological action, pharmacokinetics, adverse effects, interactions, contraindication and uses?**
3. **Write some essential drugs under diuretics and Give the mechanism of action, adverse reaction and uses of loop diuretics.**

**Short Questions Answer any Seven. (7x5=35)**

1. **Classify antiplatelet agents. Discuss thrombolytic agents with examples?**
2. **Define Hypertension. Comment on the role of diuretics in the treatment of Hypertension?**
3. **Give the mechanism of action, adverse effects, contra indication and therapeutic uses of Heparin?**
4. **Write short notes on ACE inhibitors?**
5. **Write the drugs used in the treatment of rheumatoid arthritis.**
6. **Short note on plasma volume expanders.**

**(10) Write short note on bioassay?**

**(11) Write short note on leukotrienes and thromboxanes?**

**(12)Write the role of 5HT and their antagonists?**