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**B.Pharmacy (Semester – VI) Examination, 2018  
PHARMACOLOGY – II (CGPA Pattern)**

Day and Date : Tuesday, 18-12-2018

Max. Marks : 70

Time : 2.30 p.m. to 5.30 p.m.

1. Multiple choice question.

**(1×15=15)**

- 1) \_\_\_\_\_ Group of drugs is used for asthma treatment.
  - a) Methylxanthines
  - b) M-cholinoblocking agents
  - c) Beta2-stimulants
  - d) All of above
- 2) \_\_\_\_\_ drug belonging to membrane stabilizing agents.
  - a) Zileutin
  - b) Sodium cromoglycate
  - c) Zafirlucast
  - d) Montelukast
- 3) \_\_\_\_\_ 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
- 4) Fibrinolytic drugs are used for following except
  - a) Central deep venous thrombosis
  - b) Multiple pulmonary emboli
  - c) Heart failure
  - d) Acute myocardial infarction
- 5) \_\_\_\_\_ antianginal agents is a potassium channel opener.
  - a) Dipyridamole
  - b) Validol
  - c) Atenolol
  - d) Minoxidil
- 6) Gastric acid secretion is under the control of the following agents except
  - a) Histamine
  - b) Acetylcholine
  - c) Serotonin
  - d) Gastrin
- 7) \_\_\_\_\_ drug which is a H<sub>2</sub>-receptor antagonist.
  - a) Omeprazole
  - b) Pirenzepine
  - c) Carbenoxolone
  - d) Ranitidine

**P.T.O.**



- 8) The mechanism of methylxanthines action is
- Inhibition of the enzyme phosphodiesterase
  - Beta2-adrenoreceptor stimulation
  - Inhibition of the production of inflammatory cytokines
  - Inhibition of M-cholinoreceptors
- 9) \_\_\_\_\_ is a common adverse effect of ACE inhibitors in susceptible individuals.
- Cough
  - Platelet Aggregation
  - Disorientation
  - Gynaecomastia
- 10) Which of the following antihyperlipidemic drugs reduce cholesterol biosynthesis by blocking Hydroxy Methyl Glutaryl Coenzyme A Reductase enzyme ?
- Simvastatin
  - Nicotinic acid
  - Cholestyramine
  - Gugulipids
- 11) \_\_\_\_\_ chelating agent used in heavy metal poisoning from the following.
- Pralidoxime
  - Sodium citrate
  - Potassium Ferricyanide
  - BAL
- 12) \_\_\_\_\_ 5-HT<sub>3</sub> antagonists drug suppress vomiting.
- Ondansetron
  - Domperidone
  - Haloperidol
  - Cinnarizine
- 13) \_\_\_\_\_ is the D<sub>2</sub> blockers used to prevent vomiting.
- Chlorpromazine
  - Benzodiazepines
  - Promethazine
  - Doxylamine
- 14) All anti motion sickness drugs act better when taken \_\_\_\_\_ hour before commencing journey.
- 0 hour
  - ½ hour
  - 2 hour
  - 3 hour
- 15) Spironolactone belongs to \_\_\_\_\_ class.
- High efficacy diuretics
  - Medium efficacy diuretics
  - Adjunctive diuretics
  - Other than a), b) and c)



2. Answer **any five** of the following :

**(5×5= 25)**

- 1) Classify antiplatelet agents. Discuss thrombolytic agents with examples.
- 2) Give the mechanism of action, adverse reaction and uses of loop diuretics.
- 3) Discuss in brief the pharmacology of Famotidine.
- 4) Give classification of antidiarrhoeals with suitable examples.
- 5) Define Hypertension. Comment on the role of diuretics in the treatment of Hypertension.
- 6) Give the mechanism of action, adverse effects, contra indications and therapeutic uses of Heparin.

3. Answer **any three** of the following :

**(3×10=30)**

- 1) Discuss in detail the symptoms, first aid and principles of treatment of organophosphorus poisoning.
  - 2) Discuss the pharmacotherapy of Asthma.
  - 3) Define and classify antihypertensive agents. Write a note on ACE inhibitors.
  - 4) Write an entire pharmacological account of Quinidine including mechanism of action, pharmacological actions, pharmacokinetics, adverse effects, interactions, contraindications and uses.
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