**B. Pharm 6th Semester Examination**

**Subject- Pharmacology-III (BP602T)**

**Full Marks- 75 Time – 3 hours**

**1. Multiple type questions (Answer all) (10 X 2= 20)**

(1) Petit mal seizure is also known as

a) Absence seizure b) Myoclonic seizure

c) Atonic seizure d) Tonic seizure

(2) Disulfiram is an \_\_\_\_\_\_\_\_\_ enzyme inhibitor used in chronic alcoholics for aversion technique.

a) MAO b) COMT

c) Aldehyde dehydrogenase d) Alcohol dehydrogenase

(3) Dissociative anesthesia is produced by

a) Diethyl ether b) Propofol

c) Ketamine d) Diazepam

(4) Select the specific antidote used in morphine poisoning

a) Disulfiram b) Fentanyl

c) Naloxone d) Flumazenil

(5) The antiparkinsonian drug which acts by inhibiting the degradation of dopamine in the brain is

a) Carbidopa b) Selegiline

c) Amantadine d) Bromocriptine

(6) \_\_\_\_\_\_\_\_\_\_\_ is one of the cheapest and least toxic antiepileptic.

a) Diazepam b) Clonazepam

c) Phenobarbitone d) Carbamazepine

(7) Oxytocin is essential for

a) Initiation of labour b) Formation of milk

c) Milk ejection reflex d) Both a) and c) are correct

(8) Diarrhea is the most important dose-related side effect of

a) Piroxicam b) Mephenamic acid

c) Ketorolac d) Aspirin

(9) Type 2 diabetes mellitus is also known as

a) Insulin-dependent diabetes mellitus

b) Juvenile-onset diabetes mellitus

c) Non-insulin-dependent diabetes mellitus

d) Gestational diabetes

(10) \_\_\_\_\_\_\_ is an antiviral drug found serendipitously beneficial in Parkinsonism.

a) Selegiline

b) Amantadine

c) Bromocriptine

d) Orphenadrine

**Long Questions (Answer any two) (2X10= 20)**

1. What are immunosuppressant drugs? Classify immunosuppressant drugs with suitable examples and write the applications of gene therapy.

2. Classify antiviral agents. Discuss in detail reverse transcriptase inhibitors with respect to mode of action, pharmacological action, therapeutic uses and adverse effects.

3. Describe the mode of action of anticancer antimetabolites

**Short Questions (Answer any seven) (7X5=35)**

1. Explain the mode of action of clotrimazole and their uses?
2. Describe the treatment of acute mercury poisoning?
3. Explain the mode of action and adverse effect of tetracycline?
4. Describe the types of hypersensitivity reactions and their treatment?
5. Short note on principles and application of Chemotherapy?
6. Write Short note on Immuno-stimulants?
7. Classify antiasthma tic drugs and their essential approach to patients?
8. Write Short note on Urinary tract infection and their mechanism?
9. Write Short note on Sulfonamides

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