



**BBT-M-202105**

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

**Second Year D. Pharm. Examination**

**August – 2021**

**2.4 : Pharmacology**

Time : 3 Hours]

[Total Marks : 70

**1 Answer the following questions.**

**20**

- (1) Define expectorant and give examples of expectorant.
- (2) Enumerate Pathophysiological role of Histamine.
- (3) Give four examples of nasal decongestant.
- (4) Give therapeutic use of Tocolytic.
- (5) Justify the comment: Mitotic agent can be used to treat glaucoma.
- (6) Give Therapeutic uses of Parasympatholytic agents.
- (7) Give example of two beneficial drug interactions.
- (8) Define Partial agonist.
- (9) Define Biotransformation.
- (10) Justify the comment: Sulphonylurea taken by chronic alcoholics produces Hypoglycemia.

**2 Answer the following questions. (ANY TWO)**

**20**

- (1) Define epilepsy. Classify antiepileptic agent and write a detailed note on Phenytoin.
- (2) Define General Anesthetic agent, Classify general anesthetic agent and write a detailed note on Nitrous oxide as anesthetic agent.
- (3) Write a detailed note on Oral Contraceptive agent.

**3 Answer the following questions. (ANY SIX)**

**30**

- (1) Write a detailed note on oral hypoglycemic agent.
- (2) Classify Sedative and Hypnotics and write a detailed note on Benzodiazepines.
- (3) Classify antipsychotic agent and add detailed note on Clozapine.
- (4) Write detailed note on Pathophysiological role of serotonin.
- (5) Classify Antihypertensive agent and write detailed note on Amlodipine.
- (6) Classify antihyperlipidaemic agent and write detailed note on Atorvastatin.
- (7) Write detailed note on various techniques of administration of Local Anaesthetic Agent.
- (8) Classify NSAIDS and write detailed note on Diclofenac.