

**W-3354****M.Sc. (Fourth Semester) Examination, June-2020****INDUSTRIAL CHEMISTRY****Paper - 401-(B)****Medicinal Chemistry-III***Time : Three Hours**Maximum Marks : 85**Minimum Pass Marks : 29***Note :** Attempt **All** Questions.**Unit-I**

- Q.1. Explain site and mechanism of action of following neurotransmitters. 17
- i) Dopamine.
  - ii) GABA.

**Unit-II**

- Q.2. Explain classification and pharmacology with mode of action of Barbiturates. 17

**Unit-III**

- Q.3. Explain pharmacology and mode of action adverse effect of following. 17
- i) Trimethadione.
  - ii) Primidone.

**Unit-IV**

- Q.4. Describe classification of Antiseptic drugs give mode of action of following. 17
- i) Potassium permanganate.
  - ii) Silver sulfadiazine.

**Unit-V**

- Q.5. Define analogues and prodrugs. Give research and development strategies regarding drug design. 17

