

**W-450(A)/W-451(A)****B.Sc. (Third Year) Examination, (Second Chance) March/April-2020****PHARMACEUTICAL CHEMISTRY****Paper - I & II****Medicinal Chemistry / Instrumental Analysis***Time : Three Hours**Maximum Marks : 40+40=80 (For Regular Students)**Minimum Pass Marks : 33%**Maximum Marks : 50+50=100 (For Private Students)**Minimum Pass Marks : 33%***Note :** Attempt **all** questions.**Section-A**

- Q.1. Describe synthesis and uses of dopamine. 13/16
- Q.2. Describe synthesis and uses of chloramphenicol. 13/17
- Q.3. Give classification of antitubercular drugs and discuss therapeutic uses of para aminosalicylic acid. 14/17

**Section-B**

- Q.4. Explain methods to determine end point of potentiometric titration and its applications. 13/16
- Q.5. Explain principle and application with examples of IR Spectroscopy. 13/17
- Q.6. Explain types of ions and use of Mass Spectrometry. 14/17

