

**W-450/W-451****B.Sc. (Third Year) Examination, 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. What are expectorants and antitussive agents? Give classification and atleast one example from each category. 13/16
- Q.2. Define and classify antibiotics and discuss SAR of streptomycin. 13/17
- Q.3. Discuss the synthesis of primaquine phosphate. 14/17

**Section-B**

- Q.4. Explain conductometric titration and its applications. 13/16
- Q.5. Explain instrumentation and application of UV Spectroscopy. 13/17
- Q.6. Explain chemical shift, shielding and deshielding with examples. 14/17

