**SARDAR BHAGWAN SINGH UBIVERSITY, BALAWALA**

**SCHOOL OF PHARMACEUTICAL SCIENCES AND TECHNOLOGY**

Name of teacher- Ms. Sweta Joshi

Class- D.Pharm 2nd year

Assignment-04

Date- 13/04/2020 to 18/04/2020

Weekly assignment on pharmaceutical chemistry II

**Answer the following-**

1. Draw the structure of furosemide.
2. Write the synthesis of furosemide.
3. Heart contains………………. valves.
4. Draw the structure of mannitol.
5. Write the adverse effects of loop diuretics.

**Short answer type questions-**

1. What are loop diuretics?
2. Write the mechanism of loop diuretics.
3. Write the mechanism of action and uses of osmotic diuretics with example.
4. Write a note on cardiovascular system and its diseases.

**Long answer question-**

1. Write the mechanism of action, synthesis, SAR and uses of ethacrynic acid.
2. Draw the well labelled diagram of heart and write its parts and functions.