Sardar Bhagwan Singh University Balawala, Dehradun (Uttarakhand)

 M.Sc. Pharmaceutical Chemistry/ Chemistry Second year (Fourth Semester)

 Subject: Organic Synthesis and Photochemistry (CHOR-637)

 Even Semester Assignment- II (2020)

 Time: Max Marks: 20

NOTE: Attempt all questions

1. What do you mean by determination of reaction mechanism?

2. What is Rate constant of a reaction?

3. Explain determination of rate constant of reactions?

4. Write a note on photochemical reactions?

5. What are the types of photochemical reactions?

6. What are the effects of light intensity on the rate of photochemical reactions?

7. Explain photo-dissociation?

8. Explain gas-phase photolysis?

9. Explain lifetimes of reactive energy states?

10. Write some applications of photochemical reactions?