

- c) What are analgesic drugs? Give the uses and mode of action of phenacetin. 4
- d) Write down the synthetic pathway's of Griseofulvin. 4
- e) Explain the synthesis and uses of ethacrynic acid. 4
- f) Give the synthesis of frusemide. 4
- 4. a) Write a brief note on: 8
 - 1) Heparin and it's action.
 - 2) Mechanism of blood coagulation.
- b) Explain the synthesis and uses of 8
 - 1) Coumarin
 - 2) Benzodiazepine

OR

- c) Write down the synthesis of phenobarbital. 4
- d) Give the synthesis of Indanediones. 4
- e) Explain the mode of action of Barbiturate's and hydantoin as CNS depressant's. 4
- f) Give the synthesis and uses of diazepam. 4
- 5. a) What do you understand by clinical studies with respect to drugs. 2
- b) Write down the structure and use of Thiotepea. 2
- c) Give the synthesis and uses of Analgin. 2
- d) Write down the structure and uses of Norfloxacin. 2
- e) Give the structure of Vitamin – K₂. 2
- f) Draw the structure and explain mode of action of Quinethazone. 2
- g) Define Antipyretic with suitable example. 2
- h) Define ideal drug. 2
