

QP Code: 321006

Reg. No.....

**Third Semester B. Pharm Degree Supplementary Examinations
May 2023**

Pharmaceutical Organic Chemistry - II

(2017 Scheme)

Time: 3 Hours

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(2x10=20)

1. Describe the Friedel Craft's reactions with its limitations.
2. What are polynuclear hydrocarbons. Mention the synthesis and reactions of diphenyl methane and phenanthrene.

Short Notes

(7x5=35)

3. Give a note on the effects of substituents on acidity of phenols.
4. Summarize on ortho and para directors.
5. Write down on Baeyer's strain theory.
6. Mention the various reactions of fatty acids.
7. Discuss the qualitative tests of phenols and write the structure of naphthols.
8. Write the principle and significance of RM value.
9. List the uses of DDT, BHC, Phenol, chloramine and cresol.

Answer Briefly

(10x2=20)

10. Write the structure of cyclobutane and naphthalene.
11. What do you mean by the term basicity.
12. Give any two reactions of aromatic amines.
13. Give any one example for a saturated and an unsaturated organic compound.
14. Give two salient features of oils.
15. Write the general reaction of halogenation of benzene.
16. Give the structures of cyclo alkanes.
17. Mention any four derivatives of Benzene.
18. What is meant by Rancidity.
19. Write the structure and uses of resorcinol.
