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**F - 1326**

**B. Pharm. (Seventh Semester)  
EXAMINATION, MAY-JUNE, 2022  
MEDICINAL CHEMISTRY - III  
Paper Second**

*Time : Three Hours]*

*[Maximum Marks : 70*

**Note : Attempt any five questions.**

**All question carry equal marks.**

1. What are Diurectics? Discuss Synthesis and SAR of Bendroflumethiazide, Chlorthiazide and Furesemide.
2. What are Antifungal Agents? Discuss Synthesis and SAR of griseofulvin. Also add the note on tolnaftate.
3. What are Anti-malarial? Discuss the SAR of 4-amino-quinolines anti-malarial. Add a note on synthesis of Chloroquine and Amodiaquine.

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4. Discuss the SAR, Mode of action and Synthesis of Chloramphenicol and Teracycline.
5. Discuss the Expectorants and Antitussive in detail. Add a note on SAR, mode of action and Synthesis Noscapine.
6. What are Anthelmintics? Discuss the SAR, Mode of action and Synthesis of Diethyl carbamazine in details.
7. Write the short note on (any two):
  - (a) Sulfonamides
  - (b) Antineoplastic drugs
  - (c) Antihistaminic

**P.T.O.**

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