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**B. Pharmacy (Sixth Semester) Examination,  
Nov.-Dec. 2017**

**(New Scheme)**

**(Pharmacy Branch)**

**MEDICINAL CHEMISTRY-II**

*Time Allowed : Three hours*

*Maximum Marks : 70*

- *Note : Answer any five questions.  
All questions carry equal marks.*

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1. Write classification of hypnotic & sedative drugs. Explain mode of action, SAR & synthesis of phenobarbitone. 14

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2. Write classification of general anaesthetics. Explain mode of action, SAR & synthesis of Thiopental sodium. 14
3. Define & classify Anticonvulsant drugs. Discuss synthesis, SAR & mode of action of phenytoin. 14
4. (a) Define & classify Antiparkinsonism drugs with their chemical structure. 7  
(b) Give synthesis of Biperiden & Procyclidine. 7
5. Define, classify & write SAR of Neuroleptic Agents. 14
6. Draw structure of the following drugs : 7
  - (a) Nitrazepam
  - (b) Valproic Acid
  - (c) Paraldehyde CSVТУonline.com
  - (d) Methohexital sodium
  - (e) Ethamivan
  - (f) -Cycrimine
  - (g) Meprobamate

7. Write short notes on :  
(any two) CSVТУonline.com
  - (a) Sulphonamides
  - (b) Thyroid & Antithyroid drugs
  - (c) Antidepressant drugs