

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM**  
**(Deemed to be University)**

**B.Sc. (PHYSICIAN ASSISTANT) DEGREE EXAMINATION**  
**September 2021**  
**Second Year**

**PHARMACOLOGY**

Time: Three hours

Maximum: 75 marks

**I. Write an essay on any ONE of the following: (1 x 20 = 20)**

1. Classify drugs used in myocardial ischaemia. Write in detail about mechanism of action, routes of administration and uses of Nitroglycerine.
2. Enumerate oral anti diabetic drugs. Write in detail about mechanism of action and uses of sulphonyl ureas.

**II. Write short notes on any TWO of the following: (2 x 10 = 20)**

3. Intravenous general anaesthetics
4. Drugs used in shock
5. Paracetamol – Mechanism of action and uses
6. Heparin – Mechanism of action and uses

**III. Write short answers on any SEVEN of the following: (7 x 5 = 35)**

7. Benzodiazepam
8. Lignocaine
9. Drug interactions
10. Drugs used in cough
11. Mention five drugs that can be used in pregnancy
12. Pilocarpine
13. Phenytoin
14. Management of Alcohol Addiction
15. Digoxin
16. Pantoprazole.