

**BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), PUNE, INDIA**  
**M. Sc. (MEDICAL PHARMACOLOGY): Winter-2022**  
**SUBJECT : PAPER – III**  
**(APPLIED PHARMACOLOGY)**

Day : Wednesday

Date : 21-12-2022

Time : 1:30 P.M. TO 4:30 P.M.

Max. Marks : 100

W-799-2022

**N. B. :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams **WHEREVER** necessary.

**Q. 1** Discuss various techniques of local anesthesia along with their clinical uses. **(15)**

**Q. 2** Discuss pharmacotherapy of Type II Diabetes Mellitus. **(15)**

**Q. 3** Write briefly **ANY SEVEN** of the following: **(70)**

- a) Treatment of drug induced vomiting
- b) Bronchodilators in Asthma
- c) Name four NSAIDs. Write uses and adverse effects of these drugs
- d) Ovulation inducing agents
- e) Newer antiepileptic drugs
- f) Uses of laxatives with drug preferred. Add a note on purgative abuse
- g) Uses of Diazepam with route of administration and rationale
- h) Drugs used in Chronic gout

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