

**BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), PUNE, INDIA**  
**M. Sc. (MEDICAL PHARMACOLOGY) : SUMMER – 2022**  
**SUBJECT : PAPER – II**  
**(SYSTEMIC PHARMACOLOGY)**

Day : Monday  
Date : 04-07-2022

Time : 1:30 P.M. TO 4:30 P.M.  
Max. Marks : 100

5-798-2022

**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**      Classify  $\beta$  blockers and describe their pharmacology. **(15)**

**Q. 2**      Classify diuretics giving examples. Describe pharmacology of diuretics acting on site II of renal tubule. **(15)**

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

- a) LMW heparins
- b) Statins
- c) Drugs used in the treatment of severe migraine
- d) Uses of Atropine substitutes with justification
- e) Treatment of Benign prostatic hypertrophy
- f) Centrally acting skeletal muscle relaxants
- g) Drugs used in hypertensive emergencies
- h) Uses of adrenaline with route of administration and rationale

\* \* \* \* \*