

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

Day : Friday  
Date : 8/7/2022

**S-800-2022**

Time : 01:30 PM-04:30 PM  
Max. Marks : 100

---

**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** Describe 1<sup>st</sup> line anti-tubercular drugs in detail. Define MDR tuberculosis and (15)  
discuss its treatment.

**Q. 2** Classify immunosuppressants and discuss their uses. Add a note on (15)  
Methotrexate.

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

- a) Ecopharmacology
- b) Antimicrobial Stewardship Programme
- c) Bacterial cell wall synthesis inhibitors
- d) Sulfonamide combinations in current use
- e) Rabies Vaccines and post exposure prophylaxis
- f) Uses of Vitamin A analogues in skin diseases
- g) Uses and adverse effects of Fluoroquinolones
- h) Albendazole

\* \* \* \* \*