

M. Sc. (MEDICAL PHARMACOLOGY): Winter- 2022
SUBJECT : PAPER - I
(GENERAL PHARMACOLOGY, EXPERIMENTAL EVALUATION & STATISTICS)

Day : Friday
Date : 16.12.2022

Time : 1.30 P.M. To 4.30 P.M.
Max. Marks : 100

W797 - 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 Describe the Pre-clinical toxicity evaluation of a new drug. **(15)**

Q. 2 Define drug antagonism. Explain different types of drug antagonism with examples and clinical applications. **(15)**

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

- a) CPCSEA guidelines for animal experimentation
- b) Plasma protein binding
- c) Pharmacogenetics
- d) Teratogenicity
- e) Students "t" test
- f) Targeted drug delivery system
- g) Phases of clinical trial
- h) Dose response curve

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