

BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), PUNE- INDIA
MASTER OF SCIENCE (MEDICAL PHARMACOLOGY)
M. Sc. (Medical Pharmacology) :SUMMER- 2022
SUBJECT : PAPER - I

Day : Friday
Date : 1/7/2022

S-797-2022

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.
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Q. 1 Describe the experimental methods for the evaluation of anti-epileptic activity of a drug. **(15)**

Q. 2 Define Biotransformation. Discuss factors affecting biotransformation of drugs giving examples. **(15)**

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

- a) Pharmacovigilance program of India
- b) Dose response curve
- c) Drug tolerance
- d) Methods of prolongation of drug action
- e) ANOVA and post-hoc tests
- f) Transdermal therapeutic system
- g) Institutional Animal Ethics Committee – composition and functions
- h) Phase II clinical trial

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