

QP CODE: 113328

Reg. No:.....

**First Semester M.Pharm Degree Supplementary Examinations
January 2021
M.Pharm (Pharmacology)**

**Paper III – Pharmacological and Toxicological Screening Methods I
(MPL103T)**

(Common for 2017 and 2019 Scheme)

Time: 3 Hours

Total Marks: 75

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Explain various experimental animal models for the evaluation of anti-diarrheal drugs
2. Describe the methods for screening of anti-atherosclerotic drugs
3. Explain the methods of handling of rat and guinea pig along with their applications and typical characteristics

Short Notes

(9x5=45)

4. How will you evaluate the given drug sample for nootropic activity
5. Describe the methods for screening immunomodulators
6. Explain the in vivo and in vitro models for screening anti-epileptics
7. Describe the immunoassay for insulin
8. Describe the methods for evaluation of anti-asthmatic drugs
9. Explain the screening techniques for drugs used in multiple sclerosis
10. Explain the CPCSEA guidelines to conduct experiments on animals
11. Explain the experimental animal models for evaluation of anti-dyslipidemics
12. Explain the scope, merits and demerits of bioassay
