

M.PHARM. (PHARMACOLOGY) SEM.-I (CBCS-2019 COURSE) : WINTER - 2021
SUBJECT : PHARMACOLOGICAL AND TOXICOLOGICAL SCREENING
METHODS-I

Day : Wednesday
Date : 17-11-2021

Time : 10:00 AM-01:00 PM
Max. Marks : 75

W-20730-2021

N.B.

- 1) Attempt **ANY FIVE** questions from the following.
- 2) Figures to the **RIGHT** indicate **FULL** marks.

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- Q.1** a) Explain the various methods employed in screening of drugs for Alzheimer's disease. (10)
- b) Discuss the methods of euthanasia of experimental animals. (05)
- Q.2** a) Discuss the various methods employed in screening of Anti-diabetic agents. (10)
- b) Write a note on GLP in animal experimentation. (05)
- Q.3** a) Elaborate in detail methods for screening of anti-anginal agents. (07)
- b) Write in detail methods for screening of diuretics. (08)
- Q.4** a) Explain the various methods employed in screening of skeletal muscle relaxants. (07)
- b) Write in detail methods for screening of estrogenic agents. (08)
- Q.5** a) Explain screening of anti-allergic drugs. (07)
- b) Write in detail methods for screening of anti-psychotics. (08)
- Q.6** Write notes on the following. (15)
- a) CPCSEA Guidelines on Maintenance of laboratory animals
 - b) 'R's in animal welfare
 - c) Immunoassay for Digoxin

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