

SUPPLEMENTARY
MASTER OF PHARMACY (M. PHARM.) (CBCS-2019 COURSE)
M.Pharm. Sem-II PHARMACOLOGY :SUMMER- 2022
SUBJECT : PHARMACOLOGICAL & TOXICOLOGICAL SCREENING METHODS

II

Day : Friday

Time : 10:00 AM-01:00 PM

Date : 16-09-2022

S-20776-2022

Max. Marks : 75

N.B.:

- 1) **Q. NO.1** and **Q. No.5** are **COMPULSORY**. Out of the remaining questions attempt **ANY TWO** from each section.
 - 2) Answers to both the sections should be written in the **SEPARATE** answer book.
 - 3) Figures to the right indicate **FULL** marks.
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SECTION – I

- Q.1** Discuss the principle and basic concept of GLP. **[08]**
- Q.2** How male reproduction testing is carried out? **[15]**
- Q.3** Discuss dermal irritation and toxicity studies. **[15]**
- Q.4** Write notes on **ANY TWO** of the following: **[15]**
- a) Preclinical carcinogenicity studies
 - b) Schedule Y
 - c) Eye irritation study

SECTION – II

- Q.5** Elaborate the Tier 2 studies on safety pharmacology. **[07]**
- Q.6** Discuss in details the importance of IND studies and industrial prospective. **[15]**
- Q.7** Explain in detail cardiovascular safety pharmacology studies. **[15]**
- Q.8** Write notes on **ANY TWO** of the following: **[15]**
- a) Alternative methods in animal toxicity testing
 - b) Application and importance of toxicokinetic study
 - c) HERG assay

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