

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

Roll No

BP-803T(D)/PY-803(D)-CBGS

**B.Pharmacy VIII Semester (PCI Scheme)/
(Non-PCI Scheme)**

Examination, June 2020

Choice Based Grading System (CBGS)

Pharmacological Screening Methods

Time : Three Hours

Maximum Marks : 75

Note: i) Attempt any five questions.

ii) All questions carry equal marks.

1. Write note on the CPCSEA guidelines for performing experiments on animals. Describe in detail about requirement for the IAEC permission on animal studies.
2. Describe process of inflammation and screening methods for anti-inflammatory agents.
3. Explain the principles of screening of antiparkinsonism and antidepressants.
4. Write pharmacological screening methods for diuretics and anti ulcer.
5. Describe in details screening methods for sedatives and hypnotics.

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[2]

6. Write methods of evaluation of antidiabetics and anti asthmatics.
7. Give methods of screening for antihypertensives and anti arrhythmics.
8. Write short notes on (any three).
 - a) Breeding techniques of experimental animals
 - b) Routes of drug administration in laboratory animals.
 - c) Rationale for selection of animal species and sex for the study.
 - d) In-vitro screening method for anticancer.

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