## **2012 scheme**

Q P CODE: 415006 Reg. No: .....

## Final Year B.Pharm Degree Supplementary Examinations December 2022 Pharmacology - II

Time: 3 Hours Total Marks: 100

- 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 Diagrams wherever necessary

Essays (3x10=30)

- Discuss the objective and methods of different phases of clinical trials.
- 2. With the help of a diagram, discuss the GABAergic neurotransmission and mechanism of drugs modulating it.
- 3. Classify antineoplastic agents. Describe the mechanism of action and adverse effects of antimetabolitics.

Short notes (14x5=70)

- 4. Discuss the role of free radical in etiopathology of neurodegenerative diseases.
- 5. Types of stem cells and stem cell therapy.
- 6. Explain the mechanism of action of cyclosporine.
- 7. With suitable example, classify anti-tubercular drugs.
- 8. Write the mechanism of action of zidovudine and indinavir.
- 9. List any five conditions for prophylactic use of chemotherapy.
- 10. With suitable examples, classify anti-emetics drugs.
- 11. Write a short note on source, absorption, and action of vitamin  $B_{12}$ .
- 12. With suitable examples, classify diuretics.
- 13. Classify drugs used for the treatment of Schizophrenia.
- 14. Different approaches of drug discovery.
- 15. Emphasize upon principle and applications of radioimmunoassay.
- 16. Write any five major adverse effects of phenytoin.
- 17. Explain the management of morphine poisoning.

\*\*\*\*\*\*\*\*