

**M.Sc. Pharmacology 2<sup>nd</sup> Year**

(BF/2023/12)

**Systemic pharmacology, chemotherapy & therapeutics**

**MSCP-02/Paper II**

M.M.: 80

Time: 3 Hours

**Note: 1.) *Attempt all questions.***

**2.) ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.**

**3.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/ PROVIDED**

**4.) The Student must write Q.P. Code in the space provided on the Title page of the Answer Book.**

**Section-A**

**Write about the following:**

1. Drugs used in chronic Gout and pharmacological basis of their use. [5]
2. Newer drug delivery systems with examples. [5]
3. Write in brief about cardiovascular uses, adverse effects and contraindications of beta blockers. [5]
4. Classify drugs for insomnia. Write in brief about Z compounds and their advantages as hypnotics. [5]
5. Discuss about the therapeutic indications and clinical status of Selective Estrogen Receptor Modulators. [5]
6. Management of Status epilepticus. [5]
7. Clinical presentation and management of Organo-phosphorous poisoning. [5]
8. Concept and criteria of selection of medicines for essential Medicine List (EML) [5]

**Section-B**

**Write about the following:**

1. Pharmacotherapy of congestive heart failure. [5]
2. Describe about the types of insulin and management of diabetic ketoacidosis. [5]
3. Treatment of multidrug resistant tuberculosis. [5]
4. Discuss about Disease Modifying Anti Rheumatic Drugs (DMARDs). [5]
5. Classify drugs for peptic ulcer. Write down treatment regimens of H.Pylori positive peptic ulcer. [5]
6. Explain the antimicrobial stewardship programme and its core elements. [5]
7. Toxicity of anti-cancer drugs & amelioration measure to be taken for this. [5]
8. Describe about adverse drug reaction monitoring. Discuss about Pharmacovigilance Programme of India. (PvPI) [5]

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