ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, LUCKNOW

MBBS DEGREE - IInd PROFESSIONAL - REGULAR EXAMINATION - MARCH 2024

PHARMACOLOGY - PAPER - II

TIME : 3 Hrs Max. Marks : 100 Marks (80 Theory + 20 MCQs)

NOTE:

Attempt all questions.

This question paper consists of two sections: Section A- Multiple Choice Questions and Section B- Theory Questions.

Both the sections have different paper code. Write correct paper code on respective sheet

Write correct MCQ paper set on OMR sheet

Answer MCQs on the provided OMR sheet and theory questions on the provided answer booklet.

SECTION B - THEORY QUESTIONS

PAPER CODE : 2411230005

Q.1 Long Answer Question **15 MARKS**

i) Describe antidepressant drugs. 9 marks

ii) Elaborate the mechanism of action, and potential side effects of selective serotonin reuptake inhibitors (SSRIs) in the treatment of depression and anxiety disorders. 6 marks

Q.2 Clinical Case Scenario based Structured Question **15 MARKS**

A 60-year-old man has occasional episodes of gout that are painful and debilitating. He requires drugs to treat the symptoms of acute gout attacks and to prevent recurrent attacks.

i) What causes this patient's painful episodes of gout? 3 marks

ii) What is the therapeutic rationale for the drugs used to treat gout in this patient? 4 marks

iii) This patient is prescribed colchicine. What is the mechanism of action of this drug? 4 marks

iv) How does probenecid increase the excretion of uric acid? 4 marks

Q.3 Short Note Question (Within 500 Words) **5 x 6 = 30 MARKS**

i) Factors affecting absorption of a drug

ii) Lithium

iii) Selective COX-2 inhibitors

iv) Management of status epilepticus

v) Informed Consent Process in Clinical practice

Q.4 Short Answer Questions (Within 100 Words) 5 x 4 = 20 MARKS

i) Why long-acting beta-agonists (LABAs) are commonly used in combination with inhaled corticosteroids for the management of asthma?

ii) Compare and contrast dopamine and dobutamine.

iii) What is enterohepatic circulation and how it affects the elimination half-life of drugs?

iv) Pharmacotherapy of organophosphorus poisoning

v) Leukotriene Receptor Antagonists

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