

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, UTTAR PRADESH

B.D.S. - IInd YEAR REGULAR EXAMINATION

2024 (Batch-2021)

Time: 3 Hours

Max Marks: 70 Marks

GENERAL AND DENTAL PHARMACOLOGY AND THERAPEUTICS

Paper Code: 2411105007

General instructions:

- All questions are compulsory.
- Explain with diagrams where required.
- Please write the correct paper code.

1 LONG ESSAY QUESTIONS

2 X 10 = 20 Marks

- What are the indications of Muscle relaxants. Classify Muscle relaxants and Define mechanism of action of D-tubocurarine
- Classify drugs used in the treatment of bronchial asthma, write mechanism of action and ADRs of short acting β -2 agonists (SABAs) and role of corticosteroids in treating bronchial asthma

2 WRITE NOTES ON

10 X 5 = 50 Marks

- What is the rational of using COX-2 inhibitors in inflammatory conditions like Rheumatoid Arthritis
- Pharmacological basis of using Colchicine in acute and chronic gout
- Pharmacological basis of using beta- blockers in Angina pectoris
- Pharmacological basis of using Beta blocker in chronic heart failure
- Give rational of using Amoxicillin along with clavulanic acid
- Pharmacological basis of using PPIs in peptic ulcer disease
- Use of Diuretics in hypertension
- Plasma half life $T_{1/2}$
- Define mechanism of action of ACE-I with the examples of ADRs
- Give four examples of adverse events due to dental materials

