

Seat No.: _____

Enrolment No. _____

PARUL UNIVERSITY
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES
B.Sc. Med. Sci., April – 2023 Examination.

Year: 2

Date: 05/04/2023

Subject Code: 19113203

Time: 10:00am to 10:45am

Subject Name: ACC MOD-3 Pharmacology in Anesthesia

Total Marks: 30

Instructions:

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.

- Q.1: Definition (any 5 out of 6) (Each 1 Mark) 05 marks**
- (i) What is MAC?
 - (ii) What is dissociative anaesthesia and which agent produces it ?
 - (iii) Enumerate any four routes of drug administration
 - (iv) Enumerate causes of Tachycardia
 - (v) Define: Bioavailability.
 - (vi) Write any two advantages of Spinal Anaesthesia.
- Q.2: Short question (any 5 out of 6) (Each 2 Mark) 10 marks**
- (i) Enumerate any four uses of Beta Blockers.
 - (ii) Explain Acute Morphine Poisoning.
 - (iii) Mention few properties of an ideal Local Anaesthetic agent.
 - (iv) Describe Dose dependent action of Dopamine.
 - (v) Enumerate uses of Atropine
 - (vi) Enumerate adverse effects of Glucocorticoids
- Q.3: Long question (any 3 out of 4) (Each 5 Mark) 15 marks**
- (i) Classify Antihypertensive agents and explain step wise management
 - (ii) Describe stages of ether anaesthesia
 - (iii) Classify antiarrhythmic agents
 - (iv) Classify antianginal drugs.