[Time: 3 Hours]

[Max.Marks: 100]

### MD ANESTHESIOLOGY – PAPER -I QP CODE : 5053

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

### LONG ESSAY

(2X20=40 Marks)

- 1. Define various gas laws. Discuss the clinical significance of the same in day-to-day practice.
- 2. Describe the anatomy of bronchopulmonary segments with neat diagram and anaesthetic implications.

#### SHORT ESSAY

- 3. Hydrabad commission.
- 4. Oxygen cascade.
- 5. Laryngospasm.
- 6. Pumping and presuming affect.
- 7. Capnography.
- 8. Calcium channel blockers.

[Time: 3 Hours]

[Max.Marks: 100]

### MD ANESTHESIOLOGY – PAPER -II QP CODE: 5054

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

### LONG ESSAY

(2X20=40 Marks)

- Discuss the assessment and anaesthetic management of a patient coming for abdominal aortic aneurysm surgery.
- Discuss the anaesthetic management of a 25 years old female primigravida with abruptio placenta coming for emergency caesarean section.

### **SHORT ESSAY**

- 3. Massive Blood transfusion.
- 4. Sellicks maneuver.
- 5. Oculo Cardiac reflex.
- 6. Enumerate various post operative pulmonary complications and precaution of the same.
- 7. Sugammadex.
- 8. Anaesthetic considerations in squint surgery.

[Time: 3 Hours]

[Max.Marks: 100]

### MD ANESTHESIOLOGY – PAPER -IV QP CODE : 5056

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

### LONG ESSAY

(2X20=40 Marks)

- 1. Describe the role of anaesthesiologists in chronic pain relief in malignant patients.
- Discuss the pre-operative evaluation and anaesthetic management of a known case of Hemophilia, posted for fracture hip surgery.

### **SHORT ESSAY**

- 3. Occupational hazards of an anaesthesiologist.
- 4. Hypokalemia and its management.
- 5. Blood Gas analysis.
- 6. Hyperbaric Oxygen Therapy.
- 7. Anaesthesia for Microlaryngeal surgery.
- 8. Discharge Criteria in Day Care Surgery.

[Time: 3 Hours]

[Max.Marks : 100]

### MD ANESTHESIOLOGY – PAPER -III QP CODE: 5055

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

#### LONG ESSAY

(2X20=40 Marks)

- Discuss the pre-anaesthetic evaluation and anaesthetic management of Thyrotoxic patient posted for Hemi-thyroidectomy.
- 2. Describe anaesthetic management of a 36 weeks primi gravida posted for emergency LSCS for eclampsia.

### **SHORT ESSAY**

- 3. Anaesthetic considerations for LASER surgery.
- 4. Pulmonary surfactants.
- 5. High Frequency Jet Ventilation.
- 6. Massive Blood Transfusion.
- 7. Pre-medication in paediatric patients.
- 8. Anaesthetic considerations in six years old patient posted for suturing corneal tear.