

**Model question papers**

**QP Code:**

**Reg.No.:**.....

**P.G. Diploma Examinations in Anaesthesiology (DA)**

**(Model Question Paper)**

**Paper I- Basic Sciences as Applied to Anaesthesiology**

**Time: 3 hrs**

**Max marks:100**

- ***Answer all questions***

**Essay:**

**(20)**

1. Describe the anatomy of Brachial plexus. What are the different approaches and methods of Brachial plexus block. Describe supraclavicular approach of this block. What are the complications of this procedure. (5+5+5+5=20)

**Short essays:**

**(8x10=80)**

2. Oxygen dissociation curve.
3. W.T.G. Morton.
4. Coronary circulation.
5. Local anaesthetic toxicity.
6. Midazolam.
7. Procele LMA.
8. Safety features in Anesthesia machine
9. Train of four stimulus

**QP Code:****Reg.No.:**.....**P.G. Diploma Examinations in Anaesthesiology (DA)****(Model Question Paper)****Paper II – Clinical Anaesthesiology****Time: 3 hrs****Max marks:100**

- ***Answer all questions***

**Essay:****(20)**

1. A 25 year old primi with pregnancy induced hypertension is posted for emergency caesarian section. Describe the pre-operative assessment of this patient. What are the anaesthetic concerns. Discuss the plan of anaesthetic technique and management. (6+7+7=20)

**Short essays:****(8x10=80)**

2. Intracranial Hypertension.
3. Caudal epidural block.
4. Hyperthyroidism
5. Complications of blood transfusion.
6. Cardioversion.
7. Post-dural puncture head ache.
8. Post-operative pulmonary complications.
9. Amiodarone.

**QP Code:****Reg.No.:**.....**P.G. Diploma Examinations in Anaesthesiology (DA)****(Model Question Paper)****Paper III – Critical Care, Pain Medicine & Recent Advances****Time: 3 hrs****Max marks:100**

- ***Answer all questions***

**Essay:****(20)**

1. Discuss the aetiology and pathophysiology of Acute Respiratory distress syndrome. Discuss the diagnosis and management of a patient with ARDS in a Critical care unit. (10+10=20)

**Short essays:****(8x10=80)**

2. Metabolic acidosis
3. Fresh Frozen Plasma.
4. Neuraxial opioids
5. Hyperkalemia.
6. Nebulization
7. Non-invasive ventilation
8. Adrenaline
9. Oxygen therapy