

**M.D. DEGREE EXAMINATION
BRANCH X –ANAESTHESIOLOGY
ANAESTHESIOLOGY**

Q.P. Code :202041

Time : Three Hours

Maximum : 100 marks

I. Elaborate on:

(2X15=30)

1. Classify hypertensive disorders of pregnancy. Describe the pre-anaesthetic evaluation, preparation of a 18 year old Primi-Gravida with a BP of 170 / 100 with pedal oedema and proteinurea of more than 5 grams / 24 hrs. Discuss your anaesthetic management for LSCS.
2. What are the common etiologies of perioperative Pneumothorax. How do you diagnose and manage perioperative pneumothorax.

II. Write notes on:

(10X7=70)

1. Nil per oral guidelines for a 3 year old child posted for herniotomy.
2. What are the various concerns for giving sedation in MRI room.
3. Cardiovascular toxicity of local anaesthetic drugs.
4. RIFLE criteria for acute renal injury.
5. Anaesthetic goals in management of a patient with Aortic stenosis posted for non cardiac surgery.
6. Stellate ganglion block and its complications.
7. How is venous air embolism detected and managed during neurosurgery.
8. What are the uses of pulmonary artery catheterisation.
9. Guideline for use of epidural catheters for a patient on oral Warfarin.
10. Anaesthetic concerns in a child with suspected family history of Malignant Hyperthermia.
