

P.G. Diploma Examinations in Anaesthesiology (DA) – May 2017

Paper II- Clinical Anaesthesiology

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essay:

(20)

1. A ten weeks old male infant weighing 3.5 kg is scheduled for inguinal hernia repair. He was delivered at thirty-five weeks. List the risk factors and how these can be minimized. Describe your preoperative anaesthetic management plan.

Short essays:

(8x10=80)

2. Describe the anatomy of the diaphragm. Which factors in anaesthetic practice affect its function.
3. Describe the methods of pain relief for total abdominal hysterectomy.
4. Outline the effects of old age upon morbidity and mortality in anaesthesia.
5. Discuss the reasons for and against the use of nitrous oxide in anaesthetic practice
6. What are the various complications anticipated during posterior cranial fossa surgery. Discuss the diagnosis, prevention and management of venous air embolism.
7. Classify the types of heart block. Outline appropriate treatment in the intraoperative period.
8. Discuss various methods to improve oxygenation during one lung ventilation.
9. A fifty-five years old diabetic female is to undergo a total abdominal hysterectomy. She is normally controlled by oral hypoglycaemic drugs. Describe your perioperative management of her blood sugar.
