

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

PG DIPLOMA IN ANAESTHESIOLOGY (DA) EXAMINATION – APRIL 2019

SUBJECT: PAPER III: ANAESTHESIA IN RELATION TO ASSOCIATED SYSTEMIC DISEASES, INTENSIVE CARE MEDICINE, PAIN MEDICINE

Thursday, April 04, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✗ Answer ALL the questions.
- ✗ Answer to the point as padding of answers will not fetch extra marks.
- ✗ Illustrate your answer with diagrams where appropriate.

1. A one year old child sustains a cardiac arrest during inhalation induction with halothane. Describe the cardiopulmonary resuscitation of this infant.

(15 marks)

2. Describe coagulation pathway. Write a note on perioperative use of unfractionated heparin and its anaesthetic implications.

(15 marks)

3. Write short notes on:

- 3A. Automated external defibrillator
- 3B. Factor VIII
- 3C. Management of malignant hyperthermia
- 3D. Anaesthetic implications in MRI suite
- 3E. Monitored anaesthesia care and coronary angioplasty
- 3F. Ventilatory management of ARDS patient in ICU
- 3G. Diagnosis of fat embolism syndrome
- 3H. Massive blood transfusion
- 3I. Scavenging systems
- 3J. Liposuction and anaesthesia

(7 marks × 10 = 70 marks)

