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MANIPAL UNIVERSITY

THIRD YEAR B.Sc. R.T. DEGREE EXAMINATION – DECEMBER 2015

SUBJECT: CARDIOPULMONARY INTENSIVE CARE INCLUDING ADVANCED CARDIAC LIFE SUPPORT
(2010 SCHEME)

Tuesday, December 15, 2015

Time: 10:00-13:00 Hrs.

Max Marks: 80

✍ **Draw diagrams wherever necessary.**

1. Enumerate different types of shock. Discuss in detail pathophysiology of hypovolemic shock. List the various causes of septic shock.
(4+8+4 = 16 marks)
2. Enumerate the various life threatening arrhythmias. Write the causes of ventricular fibrillation. Write in detail the treatment of Asystole.
(4+6+6 = 16 marks)
3. **Write short notes on:**
 - 3A. Write the complications of haemodialysis.
 - 3B. Write in detail the steps of basic life support.
 - 3C. Write in detail pathophysiology of congestive heart failure.
 - 3D. Write in detail management of acute renal failure.
 - 3E. Write in detail about indications of insertion of intercoastal drainage tube.
 - 3F. Write in detail about flail chest.

(8 marks × 6 = 48 marks)

