

Reg. No.

MANIPAL UNIVERSITY

THIRD YEAR B.Sc. R.T. DEGREE EXAMINATION – DECEMBER 2007

SUBJECT: CARDIOPULMONARY INTENSIVE CARE INCLUDING ADVANCED CARDIAC LIFE SUPPORT

Monday, December 10, 2007

Time: 3 Hrs.

Max Marks: 80

✍ Answer ALL questions.

✍ Unnecessary padding of answers will be counter productive.

1. Define shock. Enumerate the different types of shock and discuss about volume replacement in hypovolaemic shock.

(3+5+8 = 16 marks)

2. How do you approach a patient with a 'flat line'? How do you treat a patient with asystole? What is the role of defibrillation in asystole?

(4+8+4 = 16 marks)

3. Write short notes on:

3A. Flail chest.

3B. Nitroglycerine.

3C. Management of hyperkalaemia.

3D. Principles of dialysis.

3E. Implantable cardioverter defibrillator.

3F. Amiodarone.

(8×6 = 48 marks)



MANIPAL UNIVERSITY**THIRD YEAR B.Sc. R.T. DEGREE EXAMINATION – DECEMBER 2007****SUBJECT: PSYCHOLOGY**

Tuesday, December 11, 2007

Time: 3 Hrs.

Max Marks: 80

1. Answer any **SIX** of the following:
 - 1A. Describe any two neurotic disorders and discuss their impact on adjustment.
 - 1B. Discuss observation and testing methods of psychology.
 - 1C. What are the stages of crisis reaction? Outline the management of crisis reaction.
 - 1D. Discuss the Indian concepts of mental health and illness.
 - 1E. Discuss the role of biological interventions in treating mental disorders.
 - 1F. Discuss the factors that help human growth and adjustment.
 - 1G. What is euthanasia? Write on different issues for and against the practice of euthanasia.
 - 1H. Discuss the indications and objectives of supportive psychotherapy.

(10×6 = 60 marks)

2. Write short notes on any **FOUR** of the following:
 - 2A. Sources of stress.
 - 2B. Goals of counseling.
 - 2C. Mental retardation.
 - 2D. ICD system of classification.
 - 2E. Types of coping.
 - 2F. Group therapy.

(5×4 = 20 marks)

