

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

THIRD YEAR B.Sc. R.T.T. DEGREE EXAMINATION – AUGUST 2006**SUBJECT: ADVANCED NEONATAL RESPIRATORY CARE**

Monday, August 14, 2006

Time: 3 Hrs.

Max. Marks: 80

1. What is CPAP? Mention the indications for CPAP therapy in neonates. Describe various CPAP delivery systems.

(2+6+8 = 16 marks)

2. A term neonate weighing 2800 GM born through thick meconium stained amniotic fluid has acute respiratory failure. How do you initiate mechanical ventilation for this baby? What is the preliminary review for ventilator set up?

(8+8 = 16 marks)

3. Write short notes:

(8×6 = 48 marks)

 - 3A. APGAR score- components, scores and interpretation.
 - 3B. Clinical presentations of congenital heart diseases.
 - 3C. A 1200 GM neonate born at 32 week has grunt at birth. What is the likely diagnosis? What are the associated clinical features of this condition?
 - 3D. Apnea of prematurity.
 - 3E. Capnography- characteristics, advantages and disadvantages.
 - 3F. Mention the four differences between fetal circulation and neonatal circulation.



MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

THIRD YEAR B.Sc. R.T.T. DEGREE EXAMINATION – AUGUST 2006**SUBJECT: PSYCHOLOGY**

Wednesday, August 16, 2006

Time: 3 Hrs.

Max Marks: 80

1. Answer any **SIX** of the following:

(10×6 = 60 marks)

- 1A. Discuss various methods of clinical psychology.
- 1B. Discuss the sources of stress and ways of coping with it.
- 1C. Discuss the indications and techniques of supportive psychotherapy.
- 1D. Discuss the various issues related to management of death anxiety.
- 1E. What is bereavement? Describe the process of bereavement counseling.
- 1F. What is cognitive therapy? Discuss Ellis's approach.
- 1G. Discuss the learning and cognitive model of mental disorders.
- 1H. Discuss various types of neurotic disorders.

2. Write short notes on any **FOUR** of the following:

(5×4 = 20 marks)

- 2A. Clinical rating scales.
- 2B. Marital therapy.
- 2C. Assessment of disability.
- 2D. Indian concept of mental health.
- 2E. Clinical features of depression.
- 2F. Human growth and adjustment.

