

UNIVERSITY OF SWAZILAND  
FACULTY OF HEALTH SCIENCES  
FINAL EXAMINATION QUESTION PAPER MAY, 2006

TITLE OF PAPER : THE NEONATE

COURSE CODE : MID 105

DURATION : TWO (2) HOURS

TOTAL MARKS : 75

INSTRUCTIONS :

1. ANSWER ALL QUESTIONS
2. FIGURES IN BRACKETS INDICATE MARKS ALLOCATED FOR EACH OR PART OF A QUESTION
3. ANSWER EACH QUESTION ON A NEW PAGE

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## FINAL EXAMINATION

### MID 105 THE NEONATE

MAY 2006

#### Question 1

It is now three hours since the birth of baby Zanele. Her birth was a normal vaginal delivery. Her mother sustained a second-degree tear which was sutured by the midwife. Her apgar score was 7/10-10/10. Zanele's birth weight is 3.8kgs.

- 1.1 Identify the **normal** birth weight of newborns delivered per NVD  
(2)
- 1.2 Describe the immediate (within the first hour) care for baby Zanele (10)
- 1.3 Discuss the management of a baby with partial obstruction of the lower gastrointestinal tract (5)
- 1.4 Discuss the physiological processes that occur during cutting of the umbilical cord (3)
- 1.5 You have just been conducting a normal vaginal delivery on Nomsa and she gave birth to a baby girl. You are in the process of assessing the baby's vital signs, at the same time cutting the umbilical cord.
- 1.5.1 Describe your assessment of the apgar score of baby Nomsa (5)

(25 marks)

#### Question 2

- 2.1 Discuss the midwife's management of mild asphyxia of the newborn (7) 1 mark each point)
- 2.2 Describe the environment and equipment expected in a newborn resuscitation unit (10) (1/2 mark each point)
- 2.3 Identify principles of management of an infant with respiratory distress (3) (1/2 mark each point)
- 2.4 Discuss Haemorrhagic disease of the newborn (include the management) (5)

(25 marks)

### **Question3**

3.1 Mother Landi who is gravida 2 para 1, delivered by NVD her first baby girl in 2002 and the baby was born with signs of blood group incompatibility.

3.1.1 Describe the signs and symptoms of a baby born with ABO incompatibility (5)

3.1.2 Describe blood group incompatibility (5)

3.1.3 Discuss your management of mother Landi's first pregnancy in preventing subsequent birth of babies with ABO incompatibility (5)

3.2 Discuss the physiological processes that occur in the newborn during temperature regulation immediately after birth (8)

3.3 Describe the rooting reflex (2)

(25 marks)