



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF MEDICAL SCIENCES
DEPARTMENT OF NURSING & MIDWIFERY SCIENCES
KENYA REGISTERED COMMUNITY HEALTH NURSING**

DNS 123 MIDWIFERY I

DATE: WEDNESDAY 13TH DECEMBER 2023

TIME: 2 HOURS

START: 1100 HOURS

FINISH: 1300 HOURS

INSTRUCTIONS

- 1.** This exam will be marked **out of 70 Marks**
- 2.** This Examination comprises **THREE** Sections. Section I: Multiple Choice Questions, Section II: Short Answer Questions and Section III: Long Answer Questions
- 3.** All questions are compulsory.
- 4.** Answer **ALL** Questions in the Answer booklet provided

SECTION I: MULTIPLE CHOICE QUESTIONS (10 MARKS)

1. The effect of estrogen on the uterus during pregnancy is ;
 - a. Contraction of the uterine smooth muscles
 - b. Increase in the uterine blood supply
 - c. Growth of the uterine smooth muscles
 - d. Relaxation of the uterine muscles

2. Indication of obstructed labour on a partograph will be;
 - a. No increase in cervical dilatation
 - b. Cervical dilatation plotted on the alert line
 - c. No advancement in descent
 - d. Cervical dilatation plotted on the left of alert line

3. During labour, retraction of the uterine muscle facilitates;
 - a. Good blood flow to the placenta site
 - b. Rupture of membranes
 - c. Formation of the upper and lower uterine segment
 - d. Descent of the fetus

4. Controlled cord traction is effective when preceded by:
 - a. Good management of second stage
 - b. Close monitoring of first stage
 - c. Administration of uterotonic drug
 - d. Pulling the cord immediately the baby is born

5. The process by which the uterus goes back to its pregravid state is known as:
 - a. Ischaemia
 - b. Proteolysis
 - c. Autolysis
 - d. Involution

6. Perinatal period refers to:-
 - a. First 28 days after birth
 - b. 7th day to 28 days of life
 - c. From 22 weeks of gestation to 7 days after birth
 - d. After 37 completed weeks of gestation to 7 days after birth

7. Expressed breast milk can safely remain at room temperature for:-
 - a. 4 hours
 - b. 24 hours
 - c. 8 hours
 - d. 48 hours

8. Indicate if the following statements are **True** or **False** on the answer sheet provided
 - a. Babies born of HIV positive mothers should have their cord cut immediately after birth
 - b. Nothing should be applied to the cord of babies born at home (dry cord care)

9. The correct BCG dose for a term newborn baby is:-
 - a. 0.005ml
 - b. 0.05ml
 - c. 0.5ml
 - d. 0.01ml

10. Babies on replacement feeding should be given:-
 - a. 100ml/kg of formula feeds
 - b. 50,000 IU of vitamin A
 - c. 2gms of Vitamin K orally
 - d. 1 liter of boiled water per day

SECTION II: SHORT ANSWER QUESTIONS (30 MARKS)

1. Draw and label diagram of the foetal skull showing regions and landmarks of obstetric importance (5 marks)
2. List four (4) presumptive signs of pregnancy (2 marks)
3. State four (4) indications for vaginal examination (4 marks)
4. Outline four (4) physiological processes that occur during the first stage of labor (4 marks)
5. State four (4) factors that stimulates neonates to breath at birth (4 marks)
6. Outline six (6) features of a normal term neonate (6 marks)
7. Describe the five (5) aspects of APGAR scoring (5 marks)

SECTION III: LONG ANSWER QUESTIONS (30 MARKS)

1. Ms. X para 1+0 aged 25 years, comes for the first antenatal care at 36 weeks gestation.
 - a) Define the term parity (1 mark)
 - b) Outline any four (4) specific interventions for Ms. X during this visit (4 marks)
 - c) Describe the types of abdominal palpation that you will carry out on Ms. X (6 marks)
 - d) List four (4):-
 - i. Antenatal investigations (2 marks)
 - ii. Minor complications of pregnancy (2 marks)
2. Immediate care of newborns is necessary to reduce neonatal morbidities and mortalities.
 - a. Outline five (5) ways of preventing heat loss in newborns (5 marks)
 - b. State five (5) benefits of breastfeeding to the baby (5 marks)
 - c. State five (5) indicators that a newborn is receiving adequate amount of breast milk (5marks)