



AMREF INTERNATIONAL UNIVERSITY

SCHOOL OF MEDICAL SCIENCES

DEPARTMENT OF NURSING & MIDWIFERY SCIENCES

END OF SEMESTER MAY-AUGUST 2026 EXAMINATIONS

COURSE CODE AND TITLE: BSN 227 Midwifery and Obstetric

DATE: 4TH AUGUST 2026

TIME 2PM-4PM

INSTRUCTIONS

1. This exam is out of 70 marks
2. This Examination comprises THREE Sections. Section I: Multiple Choice Questions (20 marks) Section II: Short Answer Questions (30 marks) and Section III: Long Answer Questions (20 marks)
3. Answer ALL Questions.
4. Do Not write anything on the question paper -use the back of your booklet for rough work if need be.

SECTION 1. MULTIPLE CHOICE QUESTIONS (MCQ). 20 MARKS

1. A drug that is contraindicated in third stage of labor for a client who has cardiac disease in pregnancy is: -
 - A. Oxytocin
 - B. Ergometrine
 - C. Carbetocin
 - D. Misoprostol
2. Normal hemoglobin level in pregnancy is:
 - A. 8gm/dl and above
 - B. 5 gm/dl and above
 - C. 11 gm/dl and above
 - D. 18 gm/dl and above
3. The following is the management of a patient in latent phase of first stage of labour;
 - A. Give an episiotomy and deliver the client
 - B. Augment labour and continue with the partograph
 - C. Continue monitoring the partograph
 - D. Allay anxiety to the client, allow her to rest
4. The second stage of labour is referred to:-
 - A. The stage of dilatation and effacement
 - B. The stage of bearing down
 - C. The stage of prevention of PPH
 - D. The stage of sleeping and resting for the client
5. The score of a newborn who has the following parameters one minute at birth: the whole body is pink, pulse rate is below 100/ minute, has a weak cry, fully flexion and respiration is 25/ minute
 - A. 9/1
 - B. 8/1
 - C. 8/5
 - D. 9/5
6. Analyze the data to determine the correct phase and stage of labor. A multigravida at 39 weeks gestation presents with regular contractions. Vaginal exam reveals 8 cm dilation, 100% effacement, and the membranes have ruptured and draining clear liquor
 - A. Latent phase of the First Stage.
 - B. Active phase of the First Stage.
 - C. Second stage of Labor.
 - D. Transition phase of the first stage.

7. A statement that is true about the onset of normal labour: -

- A. Augmented
- B. Spontaneous
- C. Induced
- D. Contractions begin at 24 weeks gestation

8. A client at 8 cm dilatation requests an epidural. Analyze the potential impact of this intervention on the subsequent stages of labor.

- A. It typically shortens the second stage by reducing maternal catecholamine.
- B. It may prolong the second stage by eliminating the Ferguson reflex.
- C. It has no physiological effect on the duration of labor stages.
- D. It accelerates cervical dilation by relaxing the pelvic floor muscles.

9. The characteristic of hind milk during breast feeding: -

- A. Rich in fats
- B. lower in fat
- C. high in lactose
- D. rich in water

10. The mechanism of labour aligns the neck with the head, to undo the twist:-

- A. Internal rotation of the head
- B. Restitution
- C. Crowning
- D. Extension

11. Upon the delivery of the head, the midwife will do the following immediately before anything else: -

- A. Checks for the cord around the neck
- B. Wipes off secretions from the baby's mouth and nose
- C. Cuts the cord to separate the baby from the mother
- D. Listens to the fetal heart rate

12. How often is the fetal auscultation done during second stage of labour?

- A. The fetal heart rate is auscultated every 30 minutes
- B. The fetal heart rate is auscultated every 10 minutes
- C. The fetal heart rate is auscultated after every contraction
- D. The fetal heart rate is never auscultated in second stage of labour

13. The risk factor associated with a long umbilical cord during labour: -
- A. Traction on the cord
 - B. Cord prolapse
 - C. Placenta abruption
 - D. True knots
14. The following is a task for the upper uterine pole during labour:
- A. Contract and stimulate
 - B. Contract and retract
 - C. Retract and dilate
 - D. Contract and dilate
15. The process whereby the newborn loses heat to the nearby cold objects is referred to as;
- A. Conduction
 - B. evaporation
 - C. convection
 - D. Radiation
16. The relationship of the fetal head and limbs to its trunk is referred to as;
- A. lie
 - B. Attitude
 - C. Denominator
 - D. Position
17. The following is the characteristic of the latent phase of first stage of labour
- A. It takes 6-8 hours to be established
 - B. It takes 30 minutes to be established
 - C. Start interventions
 - D. Delivery of the baby
18. The primary survey to be conducted while attending to a pregnant mother who has collapsed in labour
- A. Fetal heart rate
 - B. Antenatal history
 - C. Abdominal palpation
 - D. Ultra sound result

19. The true sign for second stage of labour;

- A. Appearance of the head at the perineum
- B. Client bearing down
- C. Membranes bulging
- D. Fully dilated cervix

20. Match the following hormones with the right function. Each correct matching is 1/2 mark

I. Oxytocin hormone

II. Prolactin hormone

- A. Production of milk
- B. Enlarges the blood vessels
- C. Facilitates ovulation
- D. Availability of milk to the baby

SECTION 11. SHORT ANSWER QUESTIONS (SAQ). 30 MARKS

1. State four indications for vaginal examination in labour (4 marks)
2. State four components of active management of labour (4 marks)
3. Briefly describe four non-pharmacological pain management methods during labour (4 marks)
4. State four advantages of upright position in labour (4 marks)
5. Explain four instructions to the assistant during second stage (4 marks)
6. Outline five areas of essential newborn care (5 marks)
7. Briefly Describe the newborn assessment at birth (5 marks)

SECTION 11. LONG ANSWER QUESTIONS (LAQ) 20 MARKS

1. A woman comes to labour ward with history of having convulsed twice at home. She is 39 weeks pregnant.
 - a. Describe how you will administer magnesium sulphate to the client with eclampsia using the 50% concentration vials available (7 marks)
 - b. State the three specific nursing management to a patient on magnesium sulphate (3 marks)
 - c. Describe the components on partograph using the Ps (10 marks)