



**AMREF INTERNATIONAL UNIVERSITY  
SCHOOL OF MEDICAL SCIENCES  
DEPARTMENT OF NURSING & MIDWIFERY SCIENCES  
END OF SEMESTER JULY/AUGUST 2023 EXAMINATIONS**

**COURSE CODE AND TITLE: DCHN 121 MIDWIFERY**

**DATE: 9<sup>th</sup> AUGUST 2023**

Duration: 2 HOURS

Start: 0900 HRS

Finish: 1100 HRS

**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 I: MULTIPLE CHOICE QUESTIONS****(20 MARKS)**

1. The following is true concerning Vasectomy: -
  - A. It can be reversed through reconstructive operation
  - B. It is not immediately effective
  - C. Failure rates are quite high
  - D. Significantly affects the man's masculinity
  
2. When Microgynon is used as an emergency contraceptive, the required number of pills per dose are: -
  - A. 2
  - B. 4
  - C. 1
  - D. 3
  
3. Indicate whether the following statements are True (T) or False (F)
  - A. Local Anaesthesia is preferable to general anaesthesia during female sterilization
  - B. Delay in inserting implant is recommended for women who are partially breastfeeding and are less than six weeks postpartum
  
4. The following is a symptom based fertility awareness method: -
  - A. Lactational amenorrhea method
  - B. Coitus interruptus
  - C. Cycle beds
  - D. Basal body temperature
  
5. When preparing to perform the speculum examination in a female client, the nurse:-
  - A. Take temperature of the client
  - B. Perform bimanual examinations
  - C. Check for the appropriate sized speculum
  - D. Perform abdominal examination
  
6. Adolescent and young people have the right to:-
  - A. Accurate information
  - B. Judgmental treatment
  - C. Selective services
  - D. Expensive effective services

7. Youth Friendly services must be:-
  - A. Affordable, accessible and equitable
  - B. Accessible, equal and expensive
  - C. Acceptable, inappropriate, affordable
  - D. Effective, equitable, limited
  
8. The delay in “receiving” reproductive health services is influenced by: -
  - A. Failure to recognize and perceive severity of illness
  - B. Poor skills of health providers
  - C. Lengthy distance to the facility
  - D. Poor transportation to the facility
  
9. Features of the android pelvis include: -
  - A. Heart shaped brim, straight side walls, narrow fore pelvis
  - B. Rounded brim, blunt ischial spines, rounded sciatic notch
  - C. Divergent side walls, blunt ischial spines, wide sciatic notch
  - D. Narrow fore pelvis, convergent side walls, narrow sciatic notch
  
10. While performing vaginal examination during labor the anterior fontanelle is felt as the junction of: -
  - A. Two sutures and is triangular in shape
  - B. Three suture and is triangular in shape
  - C. Three sutures and is diamond in shape
  - D. Four sutures and is diamond in shape
  
11. Early neonatal period is defined as: -
  - A. First 28 days of life
  - B. First hour of life
  - C. First 7 days of life
  - D. From day 7 to 28
  
12. When performing the first examination of a baby, the nurse is aware that the resting posture of a term new born is: -
  - A. Firmly clenched fists and extended limbs
  - B. Loosely clenched fist, extended arms and extended knees
  - C. Loosely clenched fist, flexed arms, hips and knees
  - D. Firmly clenched fist, flexed arms and extended hip and knees

13. The umbilical cord stump falls: -
- A. Within one week
  - B. After 7 to 10 days
  - C. After 2 weeks
  - D. On day 5
14. Probable signs of Pregnancy include: -
- A. Quickening, visualization of embryonic sac, osianders sign
  - B. HCG in urine, ballottement, Braxton hicks contractions
  - C. Morning sickness, ballottement, breast tenderness
  - D. Hagar's sign, ballottement, amenorrhea
15. During labor, retraction of the uterine muscle facilitates: -
- A. Descent of the fetus
  - B. Rupture of membranes
  - C. Formation of upper and lower segment
  - D. Good blood Flow to the placenta site
16. A new born baby weighing 1230 grams is classified as: -
- A. Low birth weight
  - B. Premie
  - C. Very low birth weight
  - D. Extremely low birth weight
17. The direct causes of maternal mortality include: -
- A. Malnutrition, obstructed labor, diabetes mellitus
  - B. HIV/AIDS, Tuberculosis, Hemorrhage
  - C. Hemorrhage, anemia, abortion
  - D. Abortion, pre-eclampsia, antepartum hemorrhage
18. Miscarriage is loss of a fetus before: -
- A. 20 weeks gestation
  - B. 6 weeks gestation
  - C. 27 weeks gestation
  - D. 12 weeks gestation

19. Following emergent delivery at home, the mother and baby should: -
- A. Promptly bottle feed
  - B. Schedule an obstetrician appointment for the following day
  - C. Stay home for 12 hours to recuperate
  - D. Be taken to the labor and delivery unit for continuous monitoring
20. The proper ratio for compression to breathes on a newborn according to Pediatric Advance Life support is: -
- A. 15:2
  - B. 3:1
  - C. 30:2
  - D. 10:1

**SECTION II: SHORT ANSWER QUESTIONS** **(30 MARKS)**

1. Outline five (5) principle of family planning (5 Marks)
2. State Five (5) components of reproductive health (5 Marks)
3. Outline five (5) benefits of breastfeeding to the baby (5 Marks)
4. State five (5) physiological changes that occur to the cardiovascular system during pregnancy (5 Marks)
5. Differentiate between Caput saccudenum and cephalohematoma (6 Marks)
6. State five (5) reasons for high circulating blood volume in pregnancy (4 Marks)

**SECTION III: LONG ANSWER QUESTION** **(20 MARKS)**

1. Ms. X para 0+0 G1 is 35 weeks' gestation. She is admitted in the Antenatal Ward with a diagnosis of Severe Malaria in Pregnancy.
  - a. State five (5) features of severe malaria in pregnancy (5 Marks)
  - b. Describe the specific management of Ms. X until the condition is under control  
(10 Marks)
  - c. State five (5) guidelines for intermittent preventive treatment (IPT) for malaria in pregnancy (5 Marks)