



**AMREF INTERNATIONAL UNIVERSITY  
SCHOOL OF MEDICAL SCIENCES  
DEPARTMENT OF NURSING & MIDWIFERY  
KENYA REGISTERED COMMUNITY HEALTH NURSING  
END OF JANUARY-APRIL 2023 SEMESTER EXAMINATIONS**

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

**DATE: 12<sup>TH</sup> APRIL 2023**

**TIME: 2 Hours**

**Start: 11:15 AM**

**Finish: 01:15 AM**

**INSTRUCTIONS**

- 1) This paper has three sections: Section A, Section B and Section C
- 2) Answer **ALL** questions in Section A and Section B and C
- 3) Use the University examination booklets provided
- 4) Re-writing the questions on your answer sheet is unnecessary

## **SECTION A: MULTIPLE CHOICE QUESTIONS (20 MARKS)**

1. In the final mechanism of labour the head: -
  - A. Restitutes and rotates externally
  - B. Descends and flexes internally
  - C. Extends and rotates internally
  - D. Engages and rotates externally
  
2. Indication of an obstructed labor 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. The appropriate intervention for a pregnant woman with ketones in the urine is: -
  - A. Administer magnesium sulphate
  - B. Hydrate the mother
  - C. Conduct urinalysis
  - D. Restrict proteins
  
4. The indications for vacuum extraction include: -
  - A. Preterm labour, obstructed labour
  - B. Severe hypertension, maternal exhaustion
  - C. Mild fetal distress, delayed second stage of labour
  - D. Obstructed labour, breech presentation
  
5. On abdominal examination during labour, if the sinciput is felt and occiput not felt. The descent is: -
  - A. 4/5
  - B. 3/5
  - C. 2/5
  - D. 1/5
  
6. In targeted postnatal clinic a mother should be advised to come to the postpartum clinic:
  - A. Immediately, at 48 hours, at 2 weeks, 6 weeks, 6 months, and one year
  - B. Immediately, 2 weeks, 4 weeks, 6 weeks, 6 months, and one year
  - C. Two weeks, 4 weeks, 6 weeks, 2 months, 6 months, and one year
  - D. At 48 hours, 2 weeks, 4 weeks, 6 weeks, 6 months and 1 year

7. The main factor that brings about involution of the uterus is: -
- A. Autolysis
  - B. Postpartum exercises
  - C. Lochia loss
  - D. Effect of prolactin
8. The following infections are characterized by discharge from the genitals: -
- A. Syphilis and gonorrhea
  - B. Candidiasis and genital herpes
  - C. Chlamydia and gonorrhea
  - D. Chancroid and chlamydia
9. Sexually transmitted infections that produce painful ulcers are: -
- A. Syphilis and chancroid
  - B. Chancroid and genital herpes
  - C. Gonorrhoea and chlamydia
  - D. Syphilis and gonorrhoea
10. The STI likely to increase the likelihood of acquiring HIV infection is: -
- A. Trichomoniasis
  - B. Genital herpes
  - C. Candidiasis
  - D. Gonorrhoea
11. The benefit of delayed cord clamping is that it: -
- A. Gives the provider time to perform APGAR score
  - B. Prevents possible postpartum hemorrhage
  - C. Increases iron stores in the newborn
  - D. Prevents erythroblastosis fetalis
12. A preterm infant with sepsis is receiving gentamycin. The physiological alteration that places the preterm infant at increased risk of the drug's toxicity is: -
- A. Lack of cutaneous fat deposits
  - B. Immature central nervous system
  - C. Presence of fetal haemoglobin
  - D. Immaturity of renal system

13. When resuscitating a neonate with bag and mask, the nurse ensures: -
- A. The mask is large enough to cover the mouth
  - B. Mask covers mouth, chin and the nose
  - C. The neonates head is slightly flexed to maintain a neutral position
  - D. The mask is connected to piped oxygen
14. The following is a requirement for male fertility: -
- A. Normal spermatogenesis
  - B. Good prostate health
  - C. The man must have a strong erection
  - D. Good thermoregulation
15. Herpes simplex virus type I causes: -
- A. Oral-labial herpes
  - B. Genital herpes
  - C. Genital warts
  - D. Cervical cancer
16. The following is considered a right of adolescents, Right to: -
- A. Have an enjoyable sex life
  - B. Be involved in planning, implementing and evaluation of programs
  - C. Determine the number of children they want to have
  - D. Have as many sex partners as they want
17. The following hormone is responsible for the production of Follicle stimulating hormone: -
- A. Prolactin
  - B. Gonadotrophin releasing hormone
  - C. Luteinizing hormone
  - D. Estrogen
18. The best imaging modality to further investigate a client complaining of heavy menstrual bleeding who on examination has a uterus that is anteverted and bulky: -
- A. Abdominal ultrasound scan
  - B. Transvaginal ultrasound scan
  - C. CT scan
  - D. Hysterosalpingogram (HSG)

19. 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
20. In the fetal circulation, the \_\_\_\_\_ carries blood that is rich in nutrients.
- a) Ductus arteriosus
  - b) Inferior vena cava
  - c) Umbilical vein
  - d) Portal vein

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

1. State five (5) effects of gestational diabetes to the fetus (5 marks)
2. Outline five (5) components of an individual birth plan (5 marks)
3. State five (5) ways of preventing infection in special care baby unit (5 marks)
4. Describe two (2) complications of pelvic inflammatory disease (4 marks)
5. Explain three (3) causes of obstetric fistulae in developing countries (6 marks)
6. Outline five (5) Sexual and Reproductive Health needs of adolescents (5 marks)

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

1. Ms. X 35 years old is admitted with eclampsia at 34 weeks gestation
  - a. Define eclampsia (1 mark)
  - b. Describe the specific management of Ms. X until the condition is controlled .. (15 marks)
  - c. State any four (4) danger signs that may indicate hypertensive disease of pregnancy (4 marks)