



# **GRETSA UNIVERSITY - THIKA**

## **UNIVERSITY EXAMINATIONS SEPTEMBER - DECEMBER 2021 SEMESTER**

### **DIPLOMA IN PUBLIC/COMMUNITY HEALTH**

**COURSE CODE: DIPH 054**

**COURSE TITLE: MATERNAL CHILD HEALTH AND  
IMMUNIZATION**

**DATE: 18 NOVEMBER 2021**

**TIME: 8:00 AM – 11:00 AM**

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#### **INSTRUCTIONS TO CANDIDATES**

1. SECTION A IS **COMPULSORY**.
2. SECTION B: ANSWER ANY OTHER **THREE** QUESTIONS.
3. **DO NOT** WRITE ANYTHING ON THIS QUESTION PAPER AS IT WILL BE AN EXAM IRREGULARITY.
4. ALL ROUGH WORK SHOULD BE AT THE BACK OF YOUR ANSWER BOOKLET AND CROSSED OUT.

**CAUTION:** *All exam rooms are under CCTV surveillance during the examination period.*

## SECTION A: COMPULSORY

### MULTIPLE CHOICE QUESTIONS

[ONE MARK EACH]

1. Which of the following terminologies refers to care given to a woman prior to conception up to 12-14 weeks of gestation?
  - A. Prenatal care
  - B. Pre-conceptual care
  - C. Peri-conceptual care
  - D. Conception
2. Which of the following questions is appropriate to ask a pregnant woman when taking her history?
  - A. Have you and your husband started picking out baby names?
  - B. Have you had any trouble looking into day care programs?
  - C. Is the baby's father still part of your life?
  - D. What does your husband think about your pregnancy?
3. How can a physician help ensure that a single pregnant teenager has the support she needs?
  - A. Contact the patient's parents and trust them to provide support for their daughter.
  - B. Ask the patient about all the important people in her day-today life.
  - C. Help the patient track down the baby's father.
  - D. Direct the patient to a social worker.
4. The following is true about reasons for bottle feeding apart from one
  - A. The baby remains full for long
  - B. Inadequate production of breast milk by the mother
  - C. The baby can be fed by other people in the absence of the mother
  - D. To control the quality given
5. One of the following is given at birth or the first two weeks
  - A. Polio vaccine
  - B. BCG vaccine.
  - C. Vit A.
  - D. Pentavalent vaccine.

## SHORT ANSWER QUESTIONS: [ANSWER ALL QUESTIONS]

1. Differentiate the following terms as used in this course
  - a) Immunization and Vaccination [2 Marks]
  - b) Perinatal Care and Antenatal Care [2 Marks]
  - c) Maternal Morbidity and Child Mortality [2 Marks]
2. Explain two factors that influence growth and development of a child [2 Marks]
3. List two direct causes of maternal mortality. [2 Marks]
4. Highlight four advantages of family planning as a method of birth control [2 Marks]
5. Outline four aims of antenatal health care [2 Marks]
6. Outline any six vaccine preventable diseases [3 Marks]
7. Explain any three benefits of immunization [3 Marks]
8. Highlight any four activities carried out in a Maternal Child Health Clinic [2 Marks]
9. List three advantages of skilled birth deliveries. [3 Marks]
10. Outline any three danger signs during pregnancy [3 Marks]
11. List any four causes of birth asphyxia [4 Marks]
12. Elucidate three components of the cold chain system [3 Marks]

### SECTION B

### [CHOOSE ANY THREE QUESTIONS]

#### QUESTION ONE

- a) Explain four reasons why efficient family planning services are important [8 Marks]
- b) Explain family planning under the following sub topics
  - i. Natural Family Planning methods [6 Marks]
  - ii. Artificial family planning Methods [6 Marks]

#### QUESTION TWO

Kenya Extended Programme on Immunization is focused on ensuring efficient and effective system of immunization towards common childhood preventable diseases

- a) Describe five principles of the Kenya Extended Program on Immunization [10 Marks]
- b) Explain the four strategies of Focused Antenatal Care [10 Marks]

#### QUESTION THREE

- a) Describe five factors that influence nutrition of a woman during pregnancy [10 Marks]
- b) Explain five nutritional complications that can arise during pregnancy [10 Marks]

#### QUESTION FOUR

- a) Explain any two determinants of Child Health [4 Marks]
- b) Discuss three factors leading to neonatal deaths [6 Marks]
- c) Discuss the KEPI immunization schedule applicable in Kenya by highlighting the vaccine ,mode of administration ,age when administrated [10 Marks]