



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
DIPLOMA IN COMMUNITY HEALTH PRACTICE
END OF SEMESTER EXAMINATION APRIL 2022**

UNIT CODE: CHP 212
UNIT NAME: Maternal and Child Health
TIME: 2 HOURS
DATE: 12th April 2023
START: 4.00 PM **FINISH: 6.00 PM**

Instructions

1. This exam is marked out of 70 marks
2. This Examination comprises TWO Sections
3. This online exam shall take TWO Hours

SHORT ANSWER QUESTIONS: ANSWER ALL QUESTIONS (30 Marks)

1. Define the term infertility (2 Marks)
2. Describe two (2) main differences between prebiotics and probiotics (4 marks)
3. Outline four (4) common symptoms that occur during the Premenstrual Syndrome period (4 Marks)
4. Highlight five (4) clinical features of patients suffering from Phenylketonuria (4 Marks)
5. Outline five (5) factors that may lead to the development of Gestational Diabetes (5 Marks)
6. Outline five (5) hormones that are involved in the reproductive cycle (5 Marks)
7. Highlight three (3) parts of the male reproductive organs and describe the function of each part. (6 Marks)

SECTION B: Question 1 is compulsory. Select one other question from questions 2 and 3.

8. Motherhood is an exciting time for the mother and the family at large. However, pregnancy is a period that is accompanied by many changes that affect the mother. Describe 5 anabolic changes and 5 catabolic changes that take place in the mother during the pregnancy period. (20 Marks)
9. The basic of the human body is the human cell. List 10 components of the human cell and outline the functions of each part of the cell. (20 Marks)
10. Folate (vitamin B9) is one of the most important vitamins in ensuring the healthy growth and development of the child.
 - a. List 3 functions of the vitamin B9 in the human body (3 Marks)
 - b. Discuss Spina bifida highlighting the following : Factors associated with the development of Spina Bifida, causes, types, symptoms and treatment of Spina bifida. (17 Marks)