



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR THE CERTIFICATE IN COMMUNITY HEALTH  
AND DEVELOPMENT**

**1<sup>ST</sup> YEAR 2<sup>ST</sup> SEMESTER 2023/2024 ACADEMIC YEAR**

**MAIN/KISUMU CAMPUS**

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**COURSE CODE:** HCD 1122

**COURSE TITLE:** REPRODUCTIVE AND SEXUAL HEALTH

**EXAM VENUE:** STREAM: Cert. Comm. Health & Dev

**DATE:** EXAM SESSION:

**TIME: 1.30 HOURS**

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**Instructions:**

- 1. Answer all the questions in Section A and 2 questions in Section B.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

**Answer all questions in section A (30 Marks)**

1. What parts of the male reproductive system are involved in the process of spermatogenesis. (3 Marks)
2. List THREE types of miscarriages. (3 Marks)
3. Define: abortion, safe abortion and unsafe abortion. (3 Marks)
4. List THREE reproductive disease that affect women. (3 Marks)
5. List THREE environmental determinants of health? (3 Marks)
6. List THREE safe sex practices? (3 Marks)
7. What is infertility? List 2 causes. (3 Marks)
8. Describe process of fertilization. (3 Marks)
9. What is the function of the vas deferens, ejaculatory gland and prostate gland in male reproductive organ? (3 Marks)
10. List THREE functions of the sertoli cells in the male reproductive organs? (3 Marks)

**SECTION B: Answer 2 questions from this section. (15 Marks each)**

1. During fertilization there is fusion of DNA from the male sperm and the female egg. Describe the events that may occur during this process that may cause abnormalities to a foetus (20 Marks)
  
2. You are a community health worker in Siaya County. You are working with a pregnant woman who has 3 children aged 4, 2 and 1? Outline the support, advice and guidance you would use to support the health of the mother and that of her children through the pregnancy, birth and future. (20 Marks)
  
3. I )Describe the following pregnancy complications
  - a) Breech birth.
  - b) Chemical pregnancy.
  - c) Cord Knots.
  - d) Spontaneous abortion.
  - e) Blighted Ovum (20 Marks)
  
4. A student at the university has confided in you that they have an STI.
  - i) What advice would you give? (5 Marks)
  - ii) List FIVE STIs and explain how they are transmitted. (10 Marks)
  - iii) Explain the 90.90.90 targets for prevention, treatment and control of the spread of HIV and AIDs? (5Marks)