

**CENTRE FOR INTERNATIONAL
CHILD HEALTH**

INSTITUTE OF CHILD HEALTH

**MSc/DIPLOMA/CERTIFICATE
EXAMINATION**

MOTHER AND CHILD HEALTH

Core Modules

Thursday 11 DECEMBER 2003

9.00am - 11:30 a.m.

Time: 2.5 hours

Pink Group

Start 9:00 AM

Finish 11:30 AM

Blue Group

Start 9:00 AM

Finish 11:30 AM

INSTRUCTIONS

1. BEGIN EACH ANSWER ON A FRESH PAGE. MAKE SURE THAT YOU WRITE THE NUMBER OF THE QUESTION AT THE TOP OF EACH NEW PAGE AND YOUR EXAM CANDIDATE NUMBER, NOT YOUR NAME
2. YOU MAY ONLY **ANSWER ONE QUESTION FROM EACH SECTION.**
3. ALL SECTIONS ARE MARKED INDIVIDUALLY
4. ALL SECTIONS CARRY THE SAME WEIGHT
5. STUDENTS ARE ALLOWED 45 MINUTES FOR EACH MODULE THEY ARE TAKING
6. PLEASE MAKE SURE THAT YOU ARE SEATED ACCORDING TO YOUR GROUP. YOU MUST STOP WRITING WHEN THE INVIGILATOR CALLS TIME.

- READ THE EXAMINATION QUESTIONS SLOWLY AND CAREFULLY TWICE.
- ANSWER QUESTIONS AS INSTRUCTED
- WRITE YOUR ANSWERS ON THE PAPER PROVIDED
- START EACH ANSWER ON A NEW PAGE
- WHEN YOU HAVE FINISHED, READ THROUGH YOUR PAPER CAREFULLY AND CHECK YOUR WORK.
- DO NOT FORGET TO COMPLETE THE FRONT SHEET WITH YOUR DEGREE AND CANDIDATE NUMBER AND QUESTIONS ANSWERED.

INTRODUCTION TO RESEARCH METHODS G00C7

Module Co-ordinator: Keith Sullivan

Write short notes on **FOUR** of the following six questions:

1. Compare and contrast prevalence and incidence studies.
2. Define the term “epidemic” giving examples in a country or community of your choice.
3. Describe the meaning and nature of the term “focus groups”.
4. Describe the main advantages and disadvantages between cohort and case-control study designs using relevant examples.
5. Define the concept of triangulation in qualitative research methods.
6. When would you apply a cross-sectional study design? Please use relevant examples.

PERINATAL EPIDEMIOLOGY AND NEWBORN CARE

G00C9

Module Co-ordinator: Anthony Costello

Write short notes on **FOUR** of the following:

1. Intrauterine growth retardation
2. The mechanisms of heat loss and production in the newborn
3. Strategies to reduce birth asphyxia in poor communities
4. Community and cultural barriers to essential newborn care
5. Lactation counselling
6. Stillbirths in developing countries

INTERNATIONAL CHILD HEALTH AND PRIMARY MCH SERVICES G00C8

Module Co-ordinator: Anthony Costello

Write short notes on **FOUR** of the following

1. The history of primary health care
2. Malaria in pregnancy
3. AIDs orphans
4. Strategies to tackle child abuse in developing countries
5. The risk of HIV infection through breastfeeding
6. Measles vaccination