

**UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF MIDWIFERY SCIENCE
SUPPLEMENTARY EXAMINATION: JULY 2015**

COURSE TITLE: COMMUNITY-BASED MIDWIFERY

COURSE CODE: MWF 443

TIME ALLOCATED: 2 HOURS

MARKS ALLOCATED: 75

INSTRUCTIONS:

- 1. PLEASE ANSWER ALL THREE (3) QUESTIONS**
- 2. USE THE PROVIDED ANSWER SHEET FOR ALL YOUR ANSWERS**
- 3. CHECK THAT YOUR QUESTION PAPER HAS 3 PRINTED PAGES**
- 4. DO NOT OPEN THE QUESTION PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR**

Question 1

- a) You have been asked to develop a community-based midwifery model of care for your community. Based on the principles of primary health care, describe what strategies and best practices you would adopt to implement a community-based midwifery model of care in your community. [10]
- b) After your graduation, you are hired as a junior midwife at the maternity ward of newly the opened *Lubombo* Regional Referral Hospital. Describe the steps you would follow when developing a policy for your unit [10]
- c) David, one of your colleagues contemplates on starting a child-welfare clinic after graduating. Describe the guidelines he should follow. [5]

[Total: 25 marks]

Question 2

- a) Describe the comprehensive PMTCT-related management of a HIV positive mother and her HIV exposed baby from the first ANC visit until the baby is 24 months old. [20]
- b) Describe any five (5) factors that facilitate MTCT of HIV during labour and delivery. [5]

[Total: 25 marks]

Question 3

Zinhle, a HIV positive, 20 years-old mother of twins, who has just given birth at the Women and Children's clinic wants help in choosing a feeding method for her girls. Since she is HIV positive, and after doing an assessment for AFASS and found that it is not met, you want to encourage her to exclusively breastfeed her twins. Explain how you would respond to the following question as she asks them:

- a) "If I choose formula feeding, what are the disadvantages?" [9]

- b) "I've heard you talking about psychological benefits of breastfeeding. Which ones are those?" [4]

- c) "What if my breasts become so engorged in the course of breastfeeding; how would I deal with that?" [6]

- d) "How will I tell if my babies are not getting enough milk; any signs?" [6]

[Total: 25 marks]

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SUPPLEMENTARY EXAMINATION: JULY 2015

COURSE TITLE: APPLIED RESEARCH AND EVIDENCE-BASED PRACTICE

COURSE CODE: MWF 452

TIME ALLOCATED: 2 HOURS

MARKS ALLOCATED: 75

INSTRUCTIONS:

- 1. ANSWER ALL QUESTIONS**
- 2. USE THE PROVIDED ANSWER SHEET FOR ALL YOUR ANSWERS**
- 3. CHECK THAT YOUR QUESTION PAPER HAS 3 PRINTED PAGES**
- 4. DO NOT OPEN THE QUESTION PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR**

Question 1

You have just graduated and deployed by the Ministry of Health to work in the Information and Strategic Unit as a Research officer. Among your duties, you are tasked with advising undergraduate and post-graduate students on assessing feasibility of their studies before they conduct them, and participating in the Scientific and Ethics Committee to review proposal, in accordance with international declarations such as that of Helsinki, among others.

- a) Describe any four (4) points that researchers should consider when assessing whether their studies are feasible or not. [8]
- b) What ten (10) elements should a researcher disclose to participants when obtaining an informed consent for participation in the study? [5]
- c) Describe five (5) potential challenges that the researchers are likely to face as they go about conducting their research studies. [10]
- d) Explain what the “Declaration of Helsinki” is all about? [2]

[Total: 25 marks]

Question 2

Upon graduating, you are deployed at the Mbabane Government Maternity ward. As soon as you arrive, you notice that the unit currently has a high prevalence of women who develop perineal tears after childbirth. The sister in charge is aware that you have been doing the MWF 452 course, and asks you to give an in-service lecture on the current evidence-based practice regarding preventing perineal tears in normal births.

- a) Define the term, evidence-based practice [2]
- b) What are the three (3) key components of evidence-based practice? [3]

- c) Discuss the considerations you will take when critiquing a research article while gathering the evidence to support the practice that you will recommend [15]
- d) Explain five (5) steps you will follow while implementing the evidence-based practice you identified in literature [5]

[Total: 25 marks]

Question 3

ICAP in Swaziland, and the Ministry of Health plan to conduct a study to determine factors associated with infant and maternal mortality rates in the country. It happens that the clinic where you are working is among the study sites which will enroll participants into the study.

- a) Explain nine (9) ways in which nurses and midwives can participate in nursing and midwifery research? [9]
- b) According to the information above, what type of study approach is ICAP and the ministry planning to undertake? Justify your answer [2]
- c) Describe the four (4) phases of the research process that the researchers will undergo while carrying-out the study [8]
- d) What are the independent and dependent variables for the proposed study? [2]
- e) Mention any four (4) problems with experimental studies [4]

[Total: 25 marks]