

UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCES
FINAL EXAMINATION PAPER, MAY, 2015

TITLE OF PAPER : **COMMUNITY MIDWIFERY**
FINAL EXAMINATION
COURSE CODE : **MID 131**
DURATION : **TWO (2) HOURS**
TOTAL MARKS : **75**

INSTRUCTIONS:

- 1. ANSWER ALL QUESTIONS**
- 2. FIGURES IN BRACKETS INDICATE MARKS ALLOCATED TO EACH OR PART OF A QUESTION**
- 3. ANSWER EACH QUESTION ON A NEW PAGE**

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Question 1 (multiple choice)

Answer all questions. Circle the most appropriate answer. Each answer is worth 1 mark

Scenario 1 (Addresses q1-10)

Mrs. Sibiya, a gravida 9 and para 8, lives in Nkwalini with her family. Her husband deserted her during this pregnancy and she is struggling to make ends meet with so many children. They used to have problems with her husband because of their different religious beliefs. Mr. Sibiya believes that having too many children is irresponsible because children are a gift from God, therefore they should be properly provided for. Yet Mrs Sibiya believes that since children are God's gift, they should continue having as many children as God has given them. Therefore this 9th pregnancy was too much for Mr Sibiya who left wife and children. He was not giving the wife any children maintenance money. Mr Sibiya was the sole breadwinner for the family therefore with him out of picture, Mrs. Sibiya was struggling with paying for tuition and school fees, food, clothes and everything else. She was now working tirelessly as a vendor for anything she could lay her hands on. She has no health insurance for her pregnancy and her children, no money for transport should the need arise. No money to pay for any necessary services including food. They live in an informal settlement where land for farming is not available, there is only one shop in their community that has limited supplies which are overpriced, there is no health facility however there are 3 traditional birth attendants and one registered midwife, public transport starts at 6 AM and stops at 7 PM. The houses are of poor quality, which allow insects like mosquitos get into the houses. Generally the environment is filthy. They also use untreated water from the river. The whole situation does not support positive healthy living. The following questions 1 to 10 relate to this scenario. Choose the most correct answer.

- 1.1 What is the type of assessment is done to identify community's assets and lack of assets called?
- a) Community description
 - b) Community wealth
 - c) Community diagnosis
 - d) All of the above
- 1.2 This mother is classified as a
- a) Multipara
 - b) Multigravida
 - c) Grand multipara
 - d) All of the above

- 1.3 Some of the risks this woman might experience in labor are
- a) Abnormal lie, atonic uterus, definitely obstructed labor.
 - b) Uterine rapture, atonic uterus, postpartum hemorrhage
 - c) Malposition, possible rupture of uterus, precipitate labor.
 - d) Malposition, possible rupture of uterus, puerperal sepsis

- 1.4 According to you, what action should the community midwife take as a priority?
- a) Organize scholarships for her children.
 - b) Organize treated water
 - c) Provide antenatal care
 - d) Advocate for building low cost houses

- 1.5 In the event that labor starts in the night what should she do?
- i) She will wait until morning when she can seek health care services.
 - ii) Ask for her neighbor to transport her to the hospital.
 - iii) Ask for assistance from one TBA or the registered midwife.
 - iv) Try and contact her husband

Answer is

- a) I) and (iv
 - b) iv) and (iii
 - c) i) and (ii
 - d) ii) and (iii
- 1.6 In one of your community health education sessions you teach the community how to treat water by:
- a) Boiling water for 10 minutes
 - b) Adding 5 cc of Jik into a 20L container full of water over night.
 - c) Adding 20 cc of Jik into a 20L container full of water over night.
 - d) Using a clean cotton cloth to filter the water.

- 1.7 Advise the woman to start a small garden around the house and/or other creative gardening project primarily in order to:
- a) Supplement food for the family
 - b) Sell for income generation activity
 - c) Give to orphans and the elderly.
 - d) Donate to the disabled.
- 1.8 The registered midwife needs to discuss family planning with the mother. The most appropriate method to use would be:
- a) To use condoms
 - b) To use Nuriestearate
 - c) To do Bilateral Tubal Ligation
 - d) All the above
- 1.9 With regards to their marital dispute, how may the couple be assisted by the registered midwife?
- a) Traditional family counselling
 - b) Discussing the problem with friends.
 - c) Couple's ministry
 - d) Family planning counselling
- 1.10 Which formal office can be approached to force Mr. Sibiya give to give financial support to his family?
- a) Zone leader
 - b) Member of Parliament
 - c) Induna ye nkhundla
 - d) Magistrate's court
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- 1.11 Maternal Mortality Rate is usually expressed as the number of mothers who die per ___ live births:
- a) 2,000
 - b) 10,000
 - c) 100,000
 - d) 200,000

- 1.12 The following are possible sources of Maternal deaths EXCEPT
- a) Vital registration systems
 - b) Hospital based surveys
 - c) Population based surveys
 - d) Outpatient treatment room
- 1.13 The following are Primary (direct) obstetric causes of maternal deaths EXCEPT:
- a) Pregnancy
 - b) Labour
 - c) Previously existing hypertension
 - d) Puerperium
- 1.14 The most common cause of bleeding in Postpartum Haemorrhage is caused by:
- a) Inability of the uterus to contract well
 - b) Loosening of the Placenta before the baby is born
 - c) Too rapid separation of the Placenta
 - d) A retained placenta
- 1.15 Total Fertility in Swaziland is
- a) 3.8
 - b) 8.5
 - c) 5.8
 - d) 8.3
- 1.16 Total fertility rate is defined as:
- a) Is the fertility of couples counting the number of children they have together.
 - b) Is calculated from girls when they start to reproduce children.
 - c) Is calculated only from legally married women conforming to their age-mates
from the time they turned 15 years
 - d) The average number of children that would be born to a woman during her lifetime if she were to pass through her childbearing years conforming the age-specific fertility rates of the year in which she turned fifteen.

1.17 Infant mortality rate is measured as:

- a) The annual number of deaths of children less than 1 year old per 1000 live births
- b) The annual number of deaths of children less than 1 year old per 10,000 live births
- c) The annual number of deaths of children less than 1 year old per 100,000 live births
- d) All are correct

1.18 An HIV positive pregnant woman dies in a Road Traffic Accident

- a) Is counted among the Road Traffic Accident deaths
 - b) Is counted among HIV Positive deaths.
 - c) Is counted Final or indirect Maternal Mortality.
 - d) Is counted among Primary or direct Maternal Mortality
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Scenario 2 (addresses questions 1.19 – 1.25).

While doing your community family visit rounds with the midwife today you went to Mkhulu Nhleko's homestead and found that he now has a 15 year old wife. The adolescent is 28 weeks pregnant. It is her first pregnancy and she has not started antenatal care services yet. Financially they survive on the husband's elderly grant of E200 per month that he receives through his Inkhundla.

1.19 The pregnancy is considered one of the 4 (four) high risk pregnancies because:

- a) She 15 years old.
- b) This is her first pregnancy
- c) She is not attending antenatal care.
- d) All of the above are correct

1.20 The husband insists that this baby will be delivered at home. You explain to him that it is not advisable because:

- a) She 15 years old.
- b) This is her first pregnancy
- c) She is not attending antenatal care.
- d) All of the above are correct

1.21 Both the pregnant wife and husband do not know their HIV status. What action should the midwife take? EXCEPT one.

- a) Opt out PMTCT.
- b) Test for HIV

- c) Opt into PMTCT
- d) If positive take life long ART

1.22 What antenatal plan will the midwife have with this woman until she reaches full term?

- a) She has to be booked in ante natal care
- b) Do the screening for sexually transmittable diseases
- c) Give the due TT1 vaccine
- d) All are correct.

1.23 Health education plan should include the following EXCEPT one

- a) Educate her about what to expect from this time of pregnancy, to full term.
- b) Educate her about danger signs that needs her to seek health care immediately.
- c) Educate her about the importance of taking the supplements.
- d) Since she believes in traditional medicines, she should combine them with the supplements.

1.24 What could have the reason behind such intergenerational marriage?

- a) Personal choice
- b) Cultural practice
- c) Economic
- d) All of the above

1.25 Possibility of her having an extra marital affair because of the age difference.

- a) Since he is already too old, he might not meet her sexual needs.
- b) She might not be in love with him.
- c) She might have been forced to marry him through an arranged marriage.
- d) All the above are correct.

ESSAY QUESTIONS, QUESTION 2 AND 3.

Question 2

A balanced diet is very important to a human being from conception to death. Diet in pregnancy is even more important. The registered midwife has to be cognizant of age of a pregnant woman and any pre-existing condition as well as physiological changes and/or complications of pregnancy.

2.1. Margaret is 15 years old is 12 weeks pregnant how will you help her to plan her diet? Describe the dietary health problems you should warn her about? (9 marks)

2.2. She has juvenile diabetes. Explain Margaret's dietary as well as insulin therapy specific to juvenile diabetes? (10 marks)

2.3. Explain what are the possible outcome of this pregnancy (6 marks) 25 Marks

Question 3

Discuss the effect of war on:

3.1. Women (10 marks)

3.2 Children (10 marks)

3.3. The Government budget? (5 marks) Total marks 25

GRANDTOTAL 75 MARKS.