

UNIVERSITY OF ESWATINI  
FACULTY OF HEALTH SCIENCES  
DEPARTMENT OF MIDWIFERY SCIENCE  
FINAL EXAMINATION: NOVEMBER 2018

TITLE OF PAPER: COMMUNITY BASED MIDWIFERY

COURSE CODE: MID 443

DURATION: 2 HOURS

TOTAL MARKS: 75

INSTRUCTIONS

1. ANSWER ALL QUESTIONS
2. FIGURES IN BRACKETS INDICATES MARKS ALLOCATED FOR EACH OR PART OF QUESTION
3. START EACH QUESTION ON A NEW PAPER
4. USE BULLETS FOR EACH POINT IN YOUR ANSWER WHERE POSSIBLE

THIS PAPER SHOULD NOT BE OPENED UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR

SECTION A

MULTIPLE CHOICE QUESTIONS

**Choose the most appropriate response from each of the following statements and write the number and letter which you think is the best. For example 40. A**

1. Community based midwifery was established in order to
  - A. Assist woman exercise their rights of refusing hospital care
  - B. Manage major complications
  - C. Facilitate prompt referral to hospitals
  - D. Assist woman avoid long queues
  
2. Community based midwifery was established with the understanding that
  - A. Labour and childbirth always start at night in the absence of any means of communication or transport
  - B. Labour and childbirth is in majority of cases an abnormal life event that proceed to complicated outcomes
  - C. That midwives are educated and experienced in providing obstetrics care
  - D. That women make informed choices when a range of biased information is readily available
  
3. The roles of a community midwife include all **Except**:
  - A. Change agent
  - B. Councillor
  - C. Case manager
  - D. Case controller
  
4. Which statement is true about family health?
  - A. It is a dynamic static state of wellbeing of the family system
  - B. An individual's health does not affect the functioning of the entire family
  - C. Family functioning affects the health of the individuals
  - D. Family health status assessment involves assessment of parts of family system
  
5. The following statements are true about a healthy family **Except**
  - A. Families with financial strength
  - B. Families that can execute the functions of a family
  - C. Families that are resilient
  - D. Families that are not resilient

6. What is the role of a community midwife in promoting family health?
- A. Managing the family's financial, spiritual, psychological and physical needs
  - B. Identifying the family's health strength and capabilities
  - C. Facilitating positive health behaviours through health education
  - D. Involve expectant mothers only in identifying the learning needs of the family
7. Primary health care evolves from the \_\_\_\_\_ characteristics of the country
- A. Physiological
  - B. Sociocultural
  - C. Psychological
  - D. All of the above
8. Which statement is true about the scope of primary health care in a country?
- A. Provision of essential drugs
  - B. Prevention and control of internationally endemic disease
  - C. Immunization against the minor infectious disease
  - D. Appropriate treatment of uncommon diseases only
9. Which of the following statements relates to principles of primary health care?
- A. Social and economic development
  - B. A team of health professionals with specific and biomedical skills
  - C. An integrated referral system to facilitate a continuum of care
  - D. All of the above statements are true
10. It is assumed that diseases can be transmitted directly or indirectly. A vector such as mosquito is an example of \_\_\_\_\_
- A. Direct disease transmission
  - B. Indirect disease transmission
  - C. Single exposure
  - D. Common vehicle exposure
11. One of the fundamental premises underlying the study of epidemiology is \_\_\_\_\_
- A. Disease, illness and ill health are randomly distributed in a population
  - B. Disease, illness and ill health are not randomly distributed in a population
  - C. Disease, illness and ill health are randomly distributed in large populations
  - D. Disease, illness and ill health are rarely distributed in large populations
12. Amongst the levels of disease prevention which one has the impact on reducing disease transmission?
- A. Primary level
  - B. Secondary level
  - C. Tertiary level
  - D. All of the above

13. Fluoridation of water would be an example of \_\_\_\_\_
- A. Primary prevention strategy
  - B. Secondary prevention strategy
  - C. Tertiary prevention strategy
  - D. It is not a prevention strategy
14. What is the life expectancy at birth for females in Swaziland according to 2017 estimates?
- A. 60.50
  - B. 51.46
  - C. 52.70
  - D. 55.50

As a midwife working in one of the clinic in the Lubombo region you notice that majority of the mothers bring their children who are suffering from cholera to the clinic. When enquiring from the clinic's management they tell you that every year around the same time they usually experience large numbers of children who suffer from cholera but this time the numbers seem more than in previous years. Use the above information to answer question 15 and 16.

15. What is an epidemiological term that is used to refer to a habitual presence of a disease within a given geographical area?
- A. Pandemic
  - B. Incidence
  - C. Endemic
  - D. Epidemic
16. What is an epidemiological term that is used to refer to an occurrence of a disease that is derived from common source in excess of the normal expectancy in a region?
- A. Pandemic
  - B. Incidence
  - C. Endemic
  - D. Epidemic
17. Which statement is true about sexually transmitted infections in women?
- A. It is easy to detect STI's in women as their sexual organs are easy to examine
  - B. It is difficult to distinguish between normal vaginal discharge and STIs
  - C. It is easy to differentiate between normal vaginal discharge and STIs
  - D. Women have internal fixtures which makes it possible to detect signs of STIs
18. What is the relationship between STIs and HIV?
- A. The concentration of HIV virus is low in genital discharges which are increased by STIS
  - B. People with STIs are less susceptible to HIV infection
  - C. HIV infection may alter the natural history of other STIs

D. The probability of HIV transmission is greater when the STIs are symptomatic than when is asymptomatic

19. A 22 years old woman comes to the clinic with history of a single painful ulcer with enlarged lymph nodes. What is the possible diagnosis for this woman?

- A. Chancroid
- B. Syphilis
- C. Genital Herpes
- D. Chlamydia

Sibongile comes to the clinic presenting with history of vaginal discharge that is curds like sour milk on history taking she reports that she last has sexual intercourse 3 weeks ago. Use the above statement to answer questions 20, 21 and 22.

20. What is the possible diagnosis for this client?

- A. Gonorrhoea
- B. Chlamydia
- C. Candidiasis
- D. Chancroid

(20)

### ESSAY QUESTIONS

21 What are 4 possible complications of the diagnosis mentioned above in women (4)

22 Discuss two approaches that can be used to management of the condition mentioned in question 20 (8)

[32]

### Question 2

2.1 In Masila Government Hospital in a year they conduct 3800 deliveries of which out of them 20 women die from postpartum haemorrhage, 10 die from pre eclampsia, 3 died from pulmonary embolism, 2 died from road traffic accident complications and 15 died from other indirect causes. Out the total number of deliveries 70 were fetal deaths at 28 weeks and above 20 neonatal deaths, 5 deaths of children less that 7 days were recorded.

- a) What is the maternal mortality rate for Masila government hospital? (3)
- b) What is the perinatal mortality rate in this hospital? (3)

2.2 Discuss sustainable developmental goals related to maternal neonatal child health (8)

[14]

**Question 3**

- 3.1 As a community based midwife assigned in community X, you notice that in the recent month's majority of children less than 5 years of age in the area have been dying from malaria. Using your knowledge of epidemiology, Discuss in details what you can include in your report to the Ministry of health about this issue. (15)
- 3.2 Epidemiologists understand that disease results from complex relationships. Discuss the three elements of epidemiologic triangle and give 3 example of each. (9)
- 3.3 Discuss how epidemiology can be applied in community based midwives. (5)

**[29]**

**Total [75 marks]**