

**UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF MIDWIFERY SCIENCE**

FINAL EXAMINATION: DECEMBER 2017

COURSE TITLE: FOUNDATIONS OF MIDWIFERY

COURSE CODE: MID/MWF 401

TIME ALLOCATED: 2 HOURS

MARKS ALLOCATED: 75

INSTRUCTIONS:

- 1. ANSWER ALL QUESTIONS**
- 2. USE THE PROVIDED ANSWER BOOKLET FOR ALL YOUR ANSWERS**
- 3. START ALL QUESTIONS ON A NEW PAGE**
- 4. USE BULLETS FOR EACH POINT IN YOUR ANSWERS (DO NOT INVENT YOUR OWN NUMBERING)**
- 5. CHECK THAT YOUR QUESTION PAPER HAS 7 PRINTED PAGES**
- 6. DO NOT OPEN THE QUESTION PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1: Multiple Choice Questions

For each of the following questions, in your answer sheet, write clearly the letter that corresponds with the most appropriate answer e.g. 1. D

- 1.1 Which one of the following actions by a midwife does not include adhering to standard precautions?
- A. Washing hands before and after contact with the client
 - B. Appropriate handling of contaminated clinical waste
 - C. Use of aseptic technique
 - D. Use of gloves and gowns at all times
- 1.2 You are taking care of a woman within the first 24 hours after delivery. During one of your 4 hourly monitoring of her vital signs, you find her temperature to be normal. What implications does this have in the subsequent care of this client?
- A. You do not have to wear gloves during client care
 - B. She does not have an infection
 - C. Her linen should be changed only once a week
 - D. You need to use standard precautions during client care
- 1.3 In which of the following cases is a midwife at risk of developing Hepatitis C?
- A. If she/he comes in contact with infected saliva
 - B. If she/he has liver cirrhosis
 - C. If she/he comes in contact with infected blood
 - D. If she/he is a Hepatitis C carrier
- 1.4 Which one of the following statements is true about the treatment of TB for a pregnant woman, based on your knowledge of universal standard precautions?
- A. is the best way to prevent spreading the disease.
 - B. is not necessary unless she has active TB.
 - C. can be discontinued when she feels better.
 - D. usually lasts for 10 to 14 days.
- 1.5 The midwife providing care to a woman during labour should practice standard precautions in all the following situations, **EXCEPT**:
- A. when handling blood
 - B. when handling secretions and excretions
 - C. when handling sweat
 - D. wiping the baby

1.6 In which of the following situation(s) should a midwife perform hand hygiene in the maternity wards?

- A. before and after contact with a client
- B. when moving from clean to contaminated body sites during client care
- C. immediately after removing gloves
- D. Both A and C

1.7 All the following are part of the personal protective equipment of the midwife, **EXCEPT**:

- A. The midwife's uniform
- B. Gowns
- C. Masks
- D. Respirators

1.8 Which of the following statements is/are true about wearing gloves during care of clients in the maternity ward?

- A. Each client interaction requires a clean pair of gloves and should always be changed prior to moving to from a clean surface to a contaminated one.
- B. Activities such taking vital signs and changing IV fluids do not require the use of gloves as long as the potential contact with body fluids is present.
- C. Double gloving is recommended if the midwife is going to be exposed to blood or body fluids
- D. All of the above

1.9 By wearing a mask, a midwife prevents:

- A. inhaling small-particle aerosols, which usually travel short distances
- B. small particle droplet nuclei, which can remain suspended in the air and travel longer distances
- C. inhaling large-particle aerosols, which usually travel long distances
- D. small particle droplet nuclei, which can remain suspended in the air and travel shorter distances

- 1.10 Which of the following are NOT destroyed during disinfection of re-usable equipment?
- A. Bacteria
 - B. Fungi
 - C. Spores
 - D. None of the above
- 1.11 The most effective way for midwives to protect themselves, and their clients from flu is to:
- A. Wear a surgical mask at all times in the maternity ward
 - B. Stay at home if they have respiratory symptoms
 - C. Get an annual flu shot and encourage their co-workers and clients to get the flu vaccine annually
 - D. Take leave and not go to work from April to July every year
- 1.12 Which of the following is not considered a portal of entry for bacteria?
- A. Intact skin
 - B. Eyes
 - C. Nose
 - D. Mouth
- 1.13 All the following statements are true about basic principles of linen management in the maternity ward, **EXCEPT**:
- A. Used linen should be placed in appropriate bags at the point of generation
 - B. All linen should be handled with minimum agitation to avoid aerosolization of pathogenic micro-organisms
 - C. All linen to be supplied in operating rooms should be autoclaved
 - D. Used linen can be washed in cold water with detergent, rinsed and dried, preferably in a dryer or in the sun

- 1.14 A midwife is working on a Friday night and several clients become symptomatic with vomiting and diarrhea. What is the correct action by the midwife in this situation?
- A. Wait till Monday morning and then contact infection control
 - B. No action is required; the day shift will sort it out
 - C. Place the patients on contact precautions, chart symptoms and follow your facility's procedure for reporting a suspected outbreak
 - D. Ignore the situation and pretend you did not notice anything out of the ordinary
- 1.15 What should the midwife do when using alcohol-based hand rub?
- A. Apply the hand rub and wave hands until dry
 - B. Apply a sufficient quantity of hand rub and rub hands for a least 15 seconds, being sure to cover all areas: front, back, between fingers, nail beds and thumbs
 - C. Apply the hand rub and rub palms together for 10 seconds
 - D. Apply hand rub when you see infection control staff on the unit

For each of the following, in your answer sheet, only write "T" for True and "F" for False:

- 1.16 It doesn't matter in what order you remove personal protective equipment (PPE), as long as you remove it and perform hand hygiene before going to care for another patient.
- 1.17 If your hands are visibly soiled, hand hygiene using alcohol-based hand rub is the preferred method.
- 1.18 If you wear gloves while providing care, hand hygiene is not required.
- 1.19 If you find a used needle, cap it immediately and put it in your pocket until you can put it in a puncture-resistant container.
- 1.20 Instead of shaking dirty linen, and placing them in a hamper, you should roll them up before placing them in a hamper

[Total: 20 marks]

QUESTION 2

- 2.1 State the model of care that is illustrated in each of the following situations: [5]
- 2.1.1 a midwife is responsible for all clients in a shift
 - 2.1.2 the task done by an appropriate/designated midwife
 - 2.1.3 a team leader is assigned a group of midwives who offer midwifery care and the leader is accountable for the care
 - 2.1.4 a midwife is in charge of a client from admission to discharge
 - 2.1.5 clients are placed in different units on the basis of their mode of delivery, and also depending on whether the client is a high risk or not, and by the midwives' areas of specializations
- 2.2 State the services you can provide to help ensure a safe motherhood for all women who fall pregnant in your community. [7]
- 2.3 Is there a difference between a nurse-midwife and a midwife? Justify your answer. [4]
- 2.4 As a professional body, the International Confederation of Midwives (ICM) set a code that addresses the midwife's ethical mandates in achieving the aims and objectives of ICM. Briefly explain what the ICM Code is all about. [4]
- 2.5 Explain the functions of the Swaziland Nursing Council in relation to regulation of midwifery education and practice in Swaziland . [10]

[Total: 30 marks]

QUESTION 3

You are counselling a client who is a victim of domestic violence. As a professional midwife, explain how you would demonstrate each of the following during the counselling session:

3.1 Respect [8]

3.2 Congruence [9]

3.3 Empowerment and self-responsibility [8]

[Total: 25 marks]