

**University Of Eswatini**  
**Faculty of Health Sciences**  
**Midwifery Department**  
**FINAL EXAMINATION, JUNE 2021**

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| <b>TITLE OF PAPER</b> | <b>ADVANCED MIDWIFERY SCIENCE</b> |
| <b>COURSE CODE</b>    | <b>MWF 609</b>                    |
| <b>DURATION</b>       | <b>THREE (3) HOURS</b>            |
| <b>TOTAL MARKS</b>    | <b>100</b>                        |

**INSTRUCTIONS:**

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

### QUESTION 1

An adolescent pregnant woman is admitted in a rural clinic. She is in advanced pregnancy, not booked for antenatal care, unconscious, with generalized oedema, and a blood pressure of 180/110.

- (a) Discuss pathological changes that will occur in her vital organs, based on your understanding of this obstetric condition. **[15 marks]**
- (b) Discuss the management of the woman. **[10 marks]**

### QUESTION 2

You are an advanced midwife reporting for work; Zama Zondo is in active labour. Study the progress of labour as reflected on the partograph in your examination folder.

- (a) Discuss the course of labour as depicted on the partograph. **[10 Marks]**
- (b) Discuss three obstetric complications that the client is at risk of based on the final recording on the partograph. **[15 Marks]**

### QUESTION 3

An advanced midwife is assigned to work in a rural clinic, caring for a grand multiparous client who gave birth to twins at home, 4 hours ago. The vital signs reveal that the client is in shock. On abdominal examination, the uterus is not palpable, and she is bleeding heavily per vagina. One placenta is retained and there is a large erythematous mass presenting in the vagina, she complains of severe abdominal pain.

- (a) Based on the diagnoses you have arrived at discuss three obstetric conditions that have prompted shock on this client. **[15 Marks]**
- (b) Discuss emergency management that an advanced midwife will employ to the client (presented on the scenario) before the arrival of the obstetrician. **[10 Marks]**

### QUESTION 4

Mrs Simelane is recovering from anaesthesia following a Caesarean section which was done for obstructed labour caused by locked twins. Both fetuses are dead, one is macerated. The obstetrician's notes revealed that the uterus was ruptured in the lower segment, and there was uterine infection. The client was bleeding from the uterine incision, vaginally, and on the intravenous site. The client eventually died.

- (a) Based on the diagnoses you gave to Mrs Simelane, briefly discuss three underlying obstetric conditions which prompted Simelane's demise (as presented in the scenario).

**[15 marks]**

- (b) Discuss in detail how an advanced midwife will manage postpartum haemorrhage as indicated in the scenario.

**[10 Marks]**