

**UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCES**

**SUPPLEMENTARY EXAMINATION QUESTION PAPER
JULY 2008**

TITLE OF PAPER:	NORMAL MIDWIFERY
COURSE CODE:	MID 110
DURATION:	TWO (2) HOURS
TOTAL MARKS:	75

INSTRUCTIONS:

1. ANSWER ALL (3) QUESTIONS
2. THIS PAPER IS DIVIDED INTO SECTIONS A AND B
3. FIGURES IN BRACKETS INDICATE MARKS ALLOCATED FOR EACH QUESTION OR PART OF A QUESTION.

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

SECTION A

INSTRUCTION: IN EACH QUESTION, SELECT THE MOST CORRECT RESPONSE.
IN YOUR ANSWER SHEET WRITE THE LETTER AGAINST THE CORRESPONDING NUMBER
e.g. 1.6 - D

Question 1.1

Menstruation occurs:

- A. Exactly fourteen (14) days following ovulation
- B. At random
- C. Exactly fourteen (14) days before ovulation
- D. Exactly seven (7) days following ovulation 1

Question 1.2

The embryonic period is a crucial period of development that:

- A. Encompasses the second through the eighth week of pregnancy
- B. Occurs during the first week after conception
- C. Lasts approximately seven (7) months
- D. Lasts approximately 266 days 1

Question 1.3

The hormone that plays a part in mobilizing glucose that is necessary for fetal growth is:

- A. Cortisol
- B. Oestriol
- C. Human chorionic gonadotrophin
- D. Human placental lactogen 1

Question 1.4

The placenta is:

- A. Connected to the embryo by the umbilical cord
- B. A fluid filled sac that surrounds and protects the embryo
- C. A layer of tissue that originates with the embryo
- D. Impermeable

1

Question 1.5

There are three (3) primitive layers in the fertilized ovum and each layer is responsible for development of some fetal parts. Which layer forms the fetal circulatory system?

- A. The ectoderm
- B. The trophoblast
- C. The entoderm
- D. The mesoderm

1

Question 1.6

Which enzyme is responsible for the embedding of the zygote in the decidua?

- A. Hyaluronidase
- B. Proteolytic enzyme
- C. Amylase
- D. Glucoronyl transferase

1

Question 1.7

During the first three weeks that follow fertilization, the organ that is growing in the uterus is called a?

- A. Morula
- B. Blastocyst
- C. Zygote
- D. Embryo

1

Question 1.8

The fetal blood initially originates from:

- A. Its liver
- B. Its spleen
- C. The placenta
- D. None of the above

1

Question 1.9

The embryonic stage is the process of development of an offspring that is in which:

- A. Cells multiply by meiosis after fertilization
- B. Cells multiply by mitosis after fertilization
- C. Organs and systems are laid down in rudimentary form
- D. The conceptus burrows its way through and is buried under the decidua capsularis

1

Question 1.10

A midwife can solve the problem of constipation in a pregnant woman by encouraging intake of:

- A. Whole meal bran
- B. Refined food
- C. Mild laxative
- D. Mild cathartics

1

Question 1.11

Pica is an occasional complaint in pregnancy. It is caused by:

- A. Stimulation of salivary glands
- B. Particular nutritional deficiency
- C. Dulling of the sense of taste
- D. Increased appetite

1

Question 1.12

Which is mostly diagnostic of multiple pregnancy by a midwife?

- A. Round abdomen on inspection
- B. Excessive fetal movements
- C. Palpating excessive fetal parts
- D. Palpating multiple fetal heads

1

Question 1.13

The expected optimal weight gain for an average pregnancy is:

- A. 9.5 Kg
- B. 10.5 Kg
- C. 12.5 Kg
- D. 13.5 Kg
- E. 14.5 Kg

1

Question 1.14

Mandatory prenatal HIV testing could lead to the following EXCEPT:

- A. Fear and mistrust of the health care providers
- B. Non-compliance with prenatal care
- C. Reduced spread of HIV infection
- D. Lack of commitment to HIV treatment

1

Question 1.15

The major purpose of ARVT is to:

- A. Reduce the spread of HIV infection
- B. Suppress viral load and reduce RNA for a longer period
- C. Treat opportunistic infections
- D. Activate the morale of an infected person

1

Question 1.16

Extra antenatal care and attention are needed in HIV infected woman since:

- A. Invasive diagnostic procedures like amniocentesis are needed
 - B. To keep a close look for the development of any HIV related conditions like oral thrush
 - C. HIV condition is monitored and managed in an unusual manner during pregnancy
 - D. A and B
- 1

Question 1.17

A pregnant woman should be advised to _____ in order to prevent varicosities:

- A. Raise her legs for 10 minutes in every hour
 - B. Raise her legs for 30 minutes in every hour
 - C. Sleep in lateral position for 10 minutes in every 2 hours
 - D. None of the above
- 1

Question 1.18

It is the period during which a need for iron supplement increases as the maternal stores become depleted:

- A. First trimester
 - B. Second trimester
 - C. Third trimester
 - D. During pregnancy
- 1

Question 1.19

The vagina has a lining of:

- A. Stratified epithelium
 - B. Columna epithelium
 - C. Squamous epithelium
 - D. Cubic epithelium
- 1

Question 1.20

The PRIMARY goal of antiretroviral therapy is to:

- A. Kill the virus
- B. Prevent the virus from replicating
- C. Improve the hosts' immune system
- D. Prevent encephalopathy

1

Question 1.21

You are teaching a group of teenagers about anatomy and physiology of the female reproductive organs. One of them asks about the functions of the vagina. You explain that a vagina is the canal that extends from lower part of the vulva to the cervix, serves three functions for the body EXCEPT;

- A. Passageway for menstrual flow
- B. Passageway for fetus
- C. Organ of copulation
- D. Development and expulsion of ova

1

Question 1.22

Following a rubella vaccine, a woman should wait for at least _____ before she becomes pregnant:

- A. One month
- B. Two months
- C. Three months
- D. Four months
- E. None of the above

1

Question 1.23

An antenatal record tells you that a client has an android pelvis. What implications does this have for vaginal delivery?

- A. The angle of the pubic arch is acute, the fetal head may have difficulty emerging

- B. The antero-posterior diameter is shortened, the fetal head may have difficulty rotating
- C. This is a normal shape but a small size pelvis, only a small size fetus can be accommodated
- D. This is a normal pelvis shape, no difficulties are anticipated 1

Question 1.24

A condition where-by a pregnant woman complains of numbness (PINS AND NEEDLES) in her fingers and hands is referred to as:

- A. Arthritis
- B. Varicosity
- C. Carpal tunnel syndrome
- D. Pre - eclampsia 1

Question 1.25

During a visit to the antenatal clinic, Mrs. Ndwandwe complains of heartburn and receives instructions on relieving it. Which statement by Mrs. Ndwandwe (during her next visit) would indicate that she needs further health education?

- A. I am still taking my antacids as prescribed
- B. I always lie down on my right lateral side for about one hour after my meals
- C. I'm now roasting or boiling meats instead of frying them
- D. I'm drinking skim or low fat milk between meals 1

TOTAL = 25 MARKS

SECTION B

Question 2

Varicose veins remain a problem (A MINOR ONE) to a small percentage of pregnant women. Discuss this topic in full. (NOTE, EACH CORRECT FACT WILL EARN ONE MARK)

(30)

Question 3

3.1 Describe the anatomy and functions of the fallopian tubes and state their anatomical relations (NOTE, EACH CORRECT FACT WILL EARN 0.5 MARKS)

(15)

3.2 Write about "ideal clothing in pregnancy"

(5)