

UNIVERSITY OF ESWATINI
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF MIDWIFERY SCIENCES
RESIT EXAMINATION: JULY, 2019

COARSE TITLE : **REPRODUCTIVE HEALTH DYNAMICS**
COURSE CODE : **GNS 320**
DURATION : **TWO (2) HOURS**
TOTAL MARKS : **75**

INSTRUCTIONS

- 1. ANSWER ALL QUESTIONS**

- 2. FIGURES IN BRACKETS INDICATE MARKS ALLOCATED TO EACH PART OF A QUESTION**

- 3. START EACH QUESTION ON A NEW PAGE**

- 4. QUESTIONS DO NOT CARRY EQUAL MARKS**

- 5. KINDLY USE BULLETS FOR EACH POINT IN YOUR ANSWER WHERE APPLICABLE**

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

SECTION A: MULTIPLE QUESTIONS

QUESTION 1: Choose the most appropriate response from each of the following statements and write the letter that corresponds with it next to the question number in your answer sheet.

- 1.1 Where does sperm maturation takes place?
- A. Vas deferens
 - B. Epididymis
 - C. Testis
 - D. Seminal vesicle
- 1.2 Which is the most important landmark on the pelvic outlet measured by vaginal examination?
- A. The ischial tuberosities
 - B. Concave of sacrum
 - C. Pubic bone
 - D. The ischial spines
- 1.3 During the embryonic stage of fetal development, when does the heart start beating?
- A. 3rd week of gestation
 - B. 4th week of gestation
 - C. 5th week of gestation
 - D. 6th week of gestation
- 1.4 What is the purpose of doing a pelvic palpation on a pregnant woman? the aim is to determine;
- A. The position of the fetus
 - B. Which part is occupying the fundus
 - C. The presentation of the fetus
 - D. The size of the fetus
- 1.5 How is pregnancy diagnosed?
- A. Physical signs
 - B. Special investigations
 - C. Symptoms
 - D. Physical signs, symptoms and special investigations
- 1.6 Lungile had her normal menstrual period on 01 March, 2019. When is her expected date of delivery?
- A. December 7, 2019
 - B. November 7, 2019
 - C. December 8, 2019
 - D. November 8, 2019

1.7 Which of the following statements describes a grandmultipara?

- A. A woman who has given birth four times or more
- B. A woman who has been pregnant four times or more
- C. A woman who has given birth five times or more
- D. A woman who has been pregnant five times or more

1.8 When is the earliest possible stage of pregnancy a multiparous woman experiences quickening?

- A. 12weeks
- B. 16weeeks
- C. 18weeks
- D. 20weeks

1.9 At what age does the anterior fontanelle close after birth?

- A. 18months
- B. 6months
- C. 3months
- D. 12monts

1.10 What is the normal range of fetal heart rate?

- A. 90-120
- B. 100-150
- C. 120-160
- D. 110-170

Match the term on the left below with the appropriate description on the right

- | | |
|-------------------|---|
| 1. Fetal Sac | A. Sinciput |
| 2. Foramen Ovale | B. Between foramen magnum and posterior fontanelle |
| 3. Occiput | C. Junction of membranous space |
| 4. Fontanelle | D. Opening between the atria |
| 5. Sagital suture | E. Head |
| 6. Suture | F. Amnion and chorion |
| 7. Zygote | G. Cranial Joint |
| 8. Vertex | H. Between two parietal |
| 9. Brow | I. Fertilised ovum first three (3) weeks |
| 10. Cephalic | J. Bounded by the posterior fontanelle and two parietal eminences and anterior fontanelle |

Identify probable signs of pregnancy from the list below by indicating whether True or false

- 1. Colostrums expressed from the breast (True/False)
- 2. Enlargement of the uterus (True/False)

3. Amenorrhoea (True/False)
4. Nausea and vomiting (True/False)
5. Breast changes (True/False)
6. Frequent urination (True/False)
7. Skin changes (True/False)
8. Ballotement (True/False)
9. Quickening (True/False)
10. Osainder's sign (True/False)

[30marks]

SECTION B: SHORT ANSWERS QUESTIONS

QUESTION 2

2.1 All pregnant women coming to the antenatal clinic need to be done abdominal examination. As a midwife in the clinic describe what you would assess under the following, and what would be your possible findings;

- 2.1.1 Inspection (4)
- 2.1.2 Palpation (5)
- 2.1.3 Auscultation (1)

(10)

QUESTION 3

3.1 State the measurements of the diameters of the normal female pelvis in relation to the;

- 3.1.1 Brim (2)
- 3.1.2 Inlet (2)
- 3.1.3 Outlet (2)
- (You can use a table) (6)

3.2 Describe the characteristics of a normal gynaecoid pelvis that makes it favourable for vaginal birth. (9)

[25marks]

SECTION C: ESSAY QUESTION

QUESTION 4

Describe the anatomy of the fully developed placenta and explain its five (5) functions.

[20Marks]

Total [75marks]