

UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCE
DEPARTMENT OF MIDWIFERY
FINAL EXAMINATION PAPER, MAY 2005

TITLE OF PAPER : **NORMAL MIDWIFERY**

COURSE CODE : **MID 101**

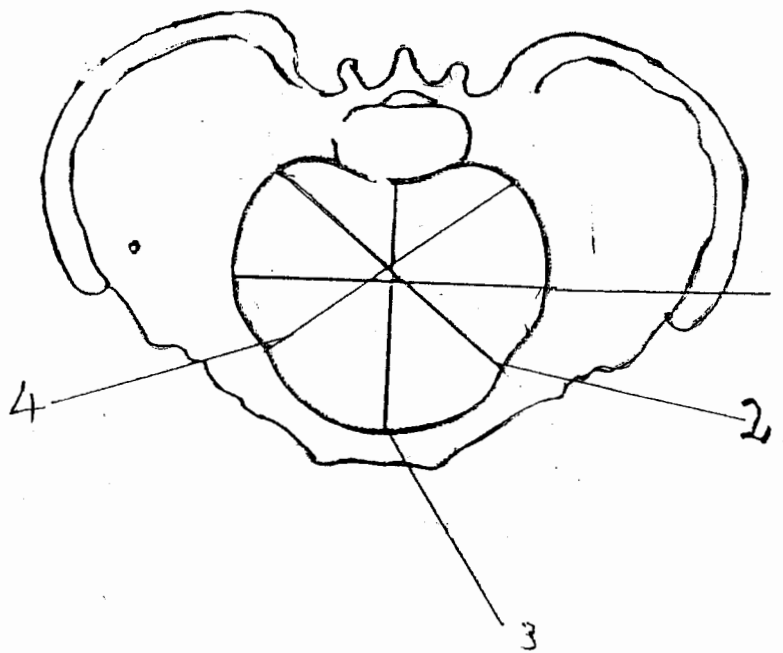
TIME ALLOWED : **THREE (3) HOURS**

TOTAL MARKS : **100**

INSTRUCTIONS : **1. ANSWER ALL QUESTIONS**
2. BEGIN EVERY NEW QUESTION ON A NEW PAGE

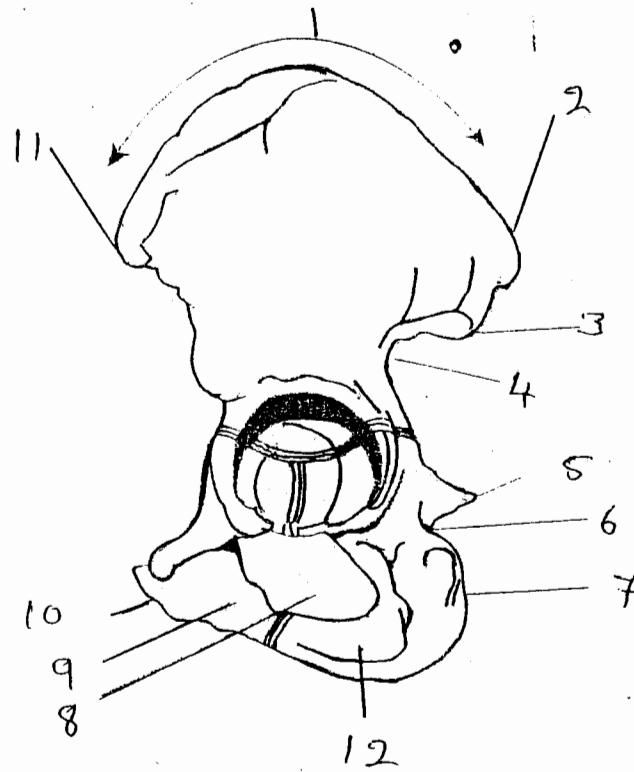
THIS QUESTION PAPER SHOULD NOT BE OPENED UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR.

QUESTION 1



1.1 From the diagram above, identify the diameters of the pelvis and their measurement in centimeters (4)

1.2 Below is the diagram of the innominate bone of the pelvis. Identify the landmarks marked in numbers on the diagram eg 15 = pelvic bone (6)



1.3 Indicate whether the following statements are true or false. Example 1.2.1 = T

- 1.3.1 The lymphatic drainage of the uterus is from the internal iliac glands to the cervical glands.
- 1.3.2 The nerve supply to the endometrium is both from sympathetic and parasympathetic nerves
- 1.3.3 The isthmus of the uterus measures 3.5 cm
- 1.3.4 The plicae are responsible for slowing down the movement of the ovum along the tubes thereby enable fertilization to occur
- 1.3.5 The functional layer of the deciduas provides a secure anchorage of the placenta
- 1.3.6 Fertilization takes place in the isthmus of the fallopian tubes
- 1.3.7 The syncytiotrophoblast produces the human-chorionic gonadotrophic hormone during pregnancy
- 1.3.8 Amniotic fluid above 800mls at term is an indication of polyhydramnios
- 1.3.9 By the 2nd to 3rd week of gestation, the sex of the fetus can be determined by ultrasound scanning
- 1.3.10 The fallopian tubes measure 10 cm in length
- 1.3.11 The normal temperature of the within the scrotum should be below 36degrees centigrade
- 1.3.12 The function of the seminal vesicle is the is the production of a viscous substance that keeps sperms alive
- 1.3.13 If sperms are not ejaculated from the epididymis they degenerate and are later revived.
- 1.3.14 The tip of the corpus spongiosum is called the glans penis
- 1.3.15 Quickening is a positive sign of pregnancy
- 1.3.16 The word deciduas refers to the endometrium before fertilization

Total Marks 25

QUESTION 2

- 2.1 Describe the amniocentesis procedure (5)
- 2.2 Identify findings that may be obtained from this procedure (8)
- 2.3 Describe Naegel's Rule (2)
- 2.4 Sipho and Zandi aged 31 and 25 respectively, have been married for two months. They come to your clinic and tell you they are preparing to have their first baby.

2.4.1 Describe the preconception counseling you would provide to Sipho and Zandi under the following headings:

- 2.4.1.1 Nutrition (3)
- 2.4.1.2 Infection prevention (2)
- 2.4.1.3 Hazardous Habits/Risk Behaviors (3)
- 2.4.1.4 Psychosocial changes likely to occur during pregnancy (2)

Total 25 marks

QUESTION 3

3.1 Differentiate between the following terms by means of a definition and description of each one

- 3.1.1 Contractions and retraction (2)
- 3.1.2 Taking-up of the cervix and no cervix felt (2)
- 3.1.3 Presentation and position of the fetus (2)
- 3.1.4 Restitution and external rotation (2)

3.2 Give five indications for performing an episiotomy during delivery, stating your reasons for each indication. (10)

3.3 List seven (7) signs indicating that a perineum is liable to tear during the second stage of labor (7)

QUESTION 4

4.1 describe the effect of the following factors on the puerperal woman (each fact will earn 0.5 marks)

- 4.1.1 Anaemia (2)
- 4.1.2 Perineal wound (2)
- 4.1.3 Emotions (2)
- 4.1.4 Constipation (2)

Describe the WHO code of breast milk substitutes as endorsed by the Swaziland Ministry of Health and Social Welfare (10)

4.2 Syntometrine is an important oxytocic drug in obstetrics. Write information about this synthetic preparation (7)

Total 25 marks