



NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING SCIENCES
2021_2 EXAMINATION QUESTIONS

PROGRAMME: BACHELOR OF NURSING SCIENCE (BNSc)

COURSE CODE: NSC309

COURSE TITLE – MATERNAL AND CHILD HEALTH NURSING I

CREDIT UNITS: 3

TIME ALLOWED: 2 HOURS

TOTAL MARKS: 70%

INSTRUCTION: ANSWER ALL QUESTIONS

QUESTION 1

Fetal survival in the uterus is dependent on exchange of nutrients, oxygen, carbon dioxide and this starts as early as the 3rd week. The foetus achieves this through specialized structures and by its own circulation.

- a. Identify the germ layers and at least five (5) body tissue organs that originate in each layer 6marks
- b. Explain foetal circulation 8marks
- c. Discuss the review of cardiovascular system in intrauterine life 6marks

Total 20 marks

QUESTION 2

A 17-year-old teenage girl walked into your facility in company of her mother. She complained of dizziness, feeling of general weakness, nausea and absence of menstrual flow for 4 weeks.

- a. Define the term fertilization 1mark
- b. List Six (6) presumptive, probable and positive signs of pregnancy respectively 9marks
- c. Discuss the physiological changes that occur in the following organ/systems during pregnancy 10marks
 - Myometrium
 - Respiratory system
 - Urinary system
 - Gastrointestinal system
 - Blood

Total: 20 marks

QUESTION 3

The process of labor and birth involves more than the delivery of a newborn. The nurse's role in childbirth is to ensure a safe environment for the mother and the birth of her newborn.

- a. Describe the premonitory and true signs of labour 20 marks

QUESTION 4

Mrs. Olatunji is rushed to the labour ward with history of 6 hours rupture of membrane. On vaginal examination, the OS is 9cm dilated.

- a) Describe the active management of the second stage of labour (8 marks)
b) State the advantages of delivering using the dorsal position (2 marks)

Total: 10 marks