



NATIONAL OPEN UNIVERSITY OF NIGERIA¹⁹⁷⁶
UNIVERSITY VILLAGE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING SCIENCES
2020_2 Examination

PROGRAMME: BACHELOR OF NURSING SCIENCE (BNSc.)
COURSE CODE: NSC312
COURSE TITLE – MATERNAL AND CHILD HEALTH NURSING I
CREDIT UNITS: 4
TIME ALLOWED: 3 HOURS
TOTAL MARKS: 70%
INSTRUCTION: ANSWER ALL THE QUESTIONS

Question 1

Pre-natal period is the period of development before birth which spans approximately nine calendar months of rapid growth and development.

- a. Explain the three major stages in pre-natal development **(12 marks)**
- b. Describe the critical moments of prenatal development **(12 marks)**
- c. Enumerate two (2) factors influencing Pre-natal development **(1 mark)**

Question 2

The newborn is a unique individual from the fetus as such the subsequent care provided by a midwife is vital in promoting extrauterine adaptation.

- a. Describe the features of the newborn head and skin **(10 marks)**
- b. List four (4) areas for newborn measurements **(2 marks)**
- c. Discuss the fetal skeleto-muscular and circulatory adaptation to extrauterine life **(10 marks)**
- d. Outline six (6) common characteristics of newborn respirations **(3 marks)**

Question 3

Assessment of the general condition of the baby immediately after birth is essential for further management and resuscitation.

- a. Define Apgar score **(1 mark)**
- b. With the aid of a table describe the content of Apgar score in assessment of the baby **(10 marks)**
- c. List the six principles of care given the baby after birth and explain three (3) **(9 marks)**