



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**UNIVERSITY VILLAGE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF NURSING SCIENCES**  
**2022\_2 EXAMINATION**

**PROGRAMME: BACHELOR OF NURSING SCIENCE (BNSc.)**

**COURSE CODE: NSC312**

**COURSE TITLE: MATERNAL AND CHILD HEALTH NURSING II**

**CREDIT UNITS: 6**

**TIME ALLOWED: 2 HOURS 30 MINUTES**

**TOTAL MARKS: 70%**

**INSTRUCTION: ANSWER ALL THE QUESTIONS**

**Question 1**

The period of growth and development extends through life cycle, but the period of principal changes is from conception to the end of adolescence.

- a. Differentiate between growth and development **(2 marks)**
- b. Discuss six (6) general principles of growth and development **(12 marks)**
- c. Describe how to measure Intelligence Quotient (IQ) in a child **(6 marks)**

**Question 2**

Health status of the newborn depends on pre-natal development.

- a. Discuss the three (3) major stages in pre-natal development **(12marks)**
- b. Describe the critical periods in pre-natal development **(10marks)**
- c. Explain factors that influence pre-natal development **(8marks)**

**Question 3**

WHO and UNICEF have addressed the challenges of providing quality to sick children by developing a strategy called Integrated Management of Childhood Illness (IMCI).

- a. Explain the concept Integrated Management of Childhood Illness (IMCI). **(5marks)**
- b. Outline five (5) features of IMCI **(5marks)**
- c. Discuss the steps involved in implementation of IMCI **(10marks)**