



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**UNIVERSITY VILLAGE, NNAMDI AZIKIWE EXPRESS WAY, JABI, ABUJA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF NURSING SCIENCES**  
**2023\_2 EXAMINATIONS\_**

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**PROGRAMME: BACHELOR OF NURSING SCIENCE (BNSc)**  
**COURSE CODE: NSC312**  
**COURSE TITLE – MATERNAL AND CHILD HEALTH NURSING 11**  
**CREDIT UNITS: 4**  
**TIME ALLOWED: 3 HOURS**  
**TOTAL MARKS: 70%**  
**INSTRUCTION: ANSWER ALL QUESTIONS**

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|---|----------|
| 1a). Define the 'Critical Periods' in Pre-natal Development?  | 3 marks  |
| b). Discuss briefly the critical periods in pre-natal development   | 12 marks |
| c). As a nurse- midwife, describe ten (10) features of a newborn  | 15 marks |
| 2a). List nine (9) Factors affecting Parent-Infant Attachment   | 9 marks  |
| b). Identify 6 common health problems of neonates   | 6 marks  |
| c). IMCI is an integrated approach to child health that focuses on the well-being of the whole child.   |          |
| i. What is the strategy for the IMCI components   | 3 marks  |
| ii. State the 2 objectives of IMCI  | 2 marks  |
| 3. The period of growth & Development extends through life cycle, but the period of principal changes is from conception to the end of adolescence. |          |
| i. Define Growth and Development  | 7 marks  |
| ii. Differentiate between maturation and adaptation   | 7 marks  |
| iii. Identify and discuss the general principles of development   | 16 marks |