



# **Certificate in Newborn and Infant Nursing (CNIN)**

**ASSIGNMENTS  
2016**



**School of Health Sciences  
Indira Gandhi National Open University  
Maidan Garhi, New Delhi – 110068**

**IGNOU**

Dear Students,

There is only one assignment in total and this assignment is compulsory. Please note that you are required to score 50 % marks in the assignment. The assignment carries a weightage of 30 % marks towards the final evaluation in theory component and submission of related assignment is a pre-requisite for appearing in theory Term End Examination for respective course. The subject area of assignment and its last date of submission is mentioned below:

Last Date of Submission	Course Code	Blocks Involved	Assignment Code
<b>January session</b> March 15 <sup>th</sup> 2016	BNS – 015	1,2,3,4	BNS – 015 / TMA/2016
<b>July session</b> September 15 <sup>th</sup> 2016	BNS – 015	1,2,3,4	BNS – 015 / TMA/2016

Please take note of the following points before writing your assignments:

- Use only foolscap size paper for writing your responses. Only handwritten assignments will be accepted. Typed or printed copies of assignments will not be accepted.
- Tie all the pages after numbering them carefully.
- Write the question number with each answer.
- **All the questions are compulsory.**
- Every assignment will be evaluated out of full mark of 100. Weightage is indicated in parenthesis against each question.

**Suggestion for writing an assignment :**

Read the assignment carefully. Scan through whole material of the course, answer may be linked within the blocks /units. Draw a rough outline of your answer in your own words. Support your answer from your clinical / community experience. Make a logical order. Then write your answer neatly and submit. Give illustrations and tables wherever necessary .**You may keep a xerox copy of the assignments for future reference. Do not copy from print material.**

Answer each assignment in separate sheets. On the first page of the assignment response sheets, write the **Course Code, Course Title, Assignment Code, Name of your Programme Study Center (PSC) and date of submission. Your Enrollment No., Name and full address** should be mentioned in the top right corner of the first page . The first page of your assignments response sheet should look like the format given below:

Course Code	: .....	Roll No:	.....
Course title	: .....	Name :	.....
Assignment Code	: .....	Address:	.....
PSC	: .....		.....
Date of Submission:	.....		.....

**Please submit the assignment to the Programme In Charge of the Programme Study Centre Alloted to you.**

**NURSING CARE OF NEW BORN AND INFANT**  
**Assignment (Block 1-4) (Tutor Marked)**

**Programme Code: CNIN**  
**Course Code: BNS - 015**  
**Assignment Code: BNS -015 /TMA /015/2016**  
**Maximum Marks: 100**

**Note: This Assignment has three parts – Part A, B and C**

Part A consists of two long answer questions. Each question carries 15 marks

Part B consists of six short answer questions. Each question carries 10 marks

Part C consists of four objective type questions. Each question carries 2½ marks

**Part A**

1. a) List the objectives of antenatal care.  
b) State the signs of true labour.  
c) Describe the nursing management of primi gravida mother during second stage of labour.  
d) List the problems of Puerperium. (2+2+8+3=15)
2. a) Explain the care of newborn baby at birth.  
b) Discuss the problems of low birth weight baby.  
c) Explain how you will transport a new born baby from one facility to another (5+5+5=15)

**Part B**

3. a) Define thermal protection.  
b) Describe the methods of heat loss in new born baby.  
c) Discuss the steps of warm chain that you will follow while preventing heat loss in new born. (1+4+5=10)
4. a) Explain the advantages of Breastfeeding.  
b) Describe the role of a nurse in promotion of Breastfeeding. (5+5=10)
5. a) Define the following terms:  
i) Prenatal and Neonatal period.  
ii) Low birth weight and small for date baby.  
b) Describe the significance of New Born Care. (2+2+6=10)
6. a) Enlist the general principles of Prevention of infection.  
b) Describe the measures to control Nosocomial infection in New born unit. (4+6=10)

7. a) Define Duodenal Atresia.  
b) List the signs and symptoms of Duodenal Atresia.  
c) Discuss the pre-operative management of a baby with Duodenojejunostomy. (2+3+5=10)

8. a) Define growth and development.  
b) Describe the factors affecting growth and development. (2+8=10)

### Part C

9. Place tick mark (✓) against the most appropriate answer given under each statement. ( $\frac{1}{2} \times 5 = 2\frac{1}{2}$ )

- a) Lower Incisors appear by the age of :  
i) 5-8 months  
ii) 12-18 months  
iii) 6-11 months  
iv) 8-10 months
- b) A baby initiates simple sound by the age of :  
i) 6 months  
ii) 12 months  
iii) 9 months  
iv) 18 months
- c) Chest compression must always be accompanied with:  
i) 80% oxygen  
ii) 40% oxygen  
iii) 60% oxygen  
iv) 100% oxygen
- d) Best management for Physiological Jaundice is:  
i) Phototherapy  
ii) Breast milk  
iii) Blood transfusion  
iv) All the above
- e) The normal fluid requirement of a new born baby on 5<sup>th</sup> day is:  
i) 120-130 ml/kg  
ii) 130-140 ml/kg  
iii) 150 ml/kg  
iv) 110 ml/kg

10. Match the statements given in Column A with the terms given in Column B. ( $\frac{1}{2} \times 5 = 2\frac{1}{2}$ )

**Column A**

- i) Extranumerary digits
- ii) Disproportionately small head
- iii) Urethral opening under surface of the penis
- iv) Triple marker test
- v) Ringers lactate

**Column B**

- a) Volume expanders
- b) Epispadias
- c) Syndactyly
- d) Downs syndrome
- e) Hypospadias
- f) Polyductyly
- g) Microcephaly
- h) Anencephaly

11. Fill in the blanks

( $\frac{1}{2} \times 5 = 2\frac{1}{2}$ )

- a) Yellow, thick and sticky milk containing more antibodies and white blood cells is called.....
- b) Stimulation to development of innate abilities comes from .....
- c) The Gross deficiency of proteins is called .....
- d) Complementary foods should be given ..... times daily to a non –breastfed baby.
- e) Frozen milk is thawed by placing the milk container in .....

12. Write ‘T’ if you consider the statement as true and ‘F’ if the statement is false.

( $\frac{1}{2} \times 5 = 2\frac{1}{2}$ )

- a) Peripheral line can be used for TPN if glucose concentration is below 15%. (T/F)
- b) Swollen baby face occurs in Hemolytic disease. (T/F)
- c) The normal head circumference of the new born is 33-35 cms (T/F)
- d) Small for date babies have less glycogen store in their liver and less subcutaneous fat stores. (T/F)
- e) Maternal smoking and alcohol intake causes fetal growth retardation. (T/F)