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# **Diploma in Critical Care Nursing (DCCN)**

**ASSIGNMENTS  
2023**



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

Dear Students,

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

Last Date of Submission	Course Code	Blocks Involved	Assignment Code
April 30 <sup>th</sup> , 2023	BNS – 031	1-3	BNS – 031/ TMA-1/2023
May 30 <sup>th</sup> , 2023	BNS – 031	4-6	BNS – 031/ TMA-2/2023
July 30 <sup>th</sup> , 2023	BNS – 032	1-3	BNS – 032/ TMA-1/2023
August 30 <sup>th</sup> , 2023	BNS – 032	4-6	BNS – 032/ TMA-2/2023

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 a full mark of 100. Weight age is indicated in parenthesis against each question.

**Suggestion for writing assignments:**

Read the assignments 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 whenever 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.....	Enrollment No.....
Course title.....	Name.....
Assignment Code.....	Address.....
PSC .....	.....
	.....
Date of Submission.....	

**Please submit the assignments to the Programme In -Charge of the Programme Study Center Allotted to you**

**Concept and Principles in Critical Care Nursing**  
**Assignment 1 (Block 1-3) (Tutor Marked)**

**Programme Code: DCCN**

**Course Code: BNS - 031**

**Assignment Code: BNS –031 /TMA -1/2023**

**Date of submission: May 30th, 2023**

**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 2 ½ marks.**

**Part – A**

- Q1. a) Define Blood.  
b) Enlist the Blood Transfusion Risks.  
c) Describe Nursing Interventions during Transfusion Reaction. 3+6+6=15

- Q2. a) Explain the Ethical Considerations for collecting information from patients' family.  
b) Explain the methods of Physical Examination. 8+7=15

**Part-B**

- Q3. a) Discuss the causes of Fluid Volume Deficit.  
b) Explain Hypervolemia (Fluid Volume Excess). 7+3=10
- Q4. a) Describe causes and clinical manifestations of Potassium Imbalance.  
b) Explain the alterations in Acid Base Balance. 5+5=10
- Q5. a) Enumerate the alterations in Comfort.  
b) Discuss the Nursing Interventions for promoting Rest and Sleep. 4+6=10
- Q6. Discuss the types, nature of pain and causes of Pain development. 10
- Q7. a) Explain the process of Communication in Nursing Process.  
b) Describe the steps undertaken in Implementation stage of Nursing Process. 4+6=10
- Q8. a) Discuss the Direct and Indirect Coping Strategies In Stress.  
b) Describe the importance of Education and training in Coping with Stress. 5+5=10

**Part – C**

Q9. Place tick mark (ℓ) against the most appropriate answer given under each statement.

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

- i. Drugs used for Gastrointestinal disorders are as follows **except**:
  - a) Aluminum Hydroxide
  - b) Ranitidine
  - c) Promethazine
  - d) Mistabron
  
- ii. Treatment of the Hyperkalemia is:
  - a) Increase the dietary sources of potassium
  - b) Administration of Intravenous Sodium Carbonate
  - c) Administration of Calcium Gluconate
  - d) Intravenous Infusion of Glucose and Insulin
  
- iii. Nursing Management of Sleep Disorders is :
  - a) Physiology of Sleep and Rest
  - b) Non-Rapid Eye Movement (NREM)
  - c) Rapid Eye Movement (REM)
  - d) Planned Nursing Interventions
  
- iv. Constituents of Immune System are as follows **except**:
  - a) Lymphoid Cells
  - b) Myeloid Cells
  - c) Granulocytes
  - d) Phagocytic Response
  
- v. Assure the family of client by following **steps** except:
  - a) Assure the family that the patient will be made comfortable
  - b) Explain the family that the patient will be closely monitored
  - c) Give limited information about the patient to the family
  - d) Reassure that they can express fears and concerns

Q10. Match the terms given in column A with the statements given in column B.

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

- | <b>Column A</b>  | <b>Column B</b>   |
|--|---|
| i) Requiring no instructions from the other professionals                            | a) Defense Mechanisms                                       |
| ii) Assuming responsibilities for ones actions                                       | b) Independent Nursing Interventions                        |
| iii) Host Factors  | c) Accountability   |
| iv) An alteration or change designed to assist in adjusting                          | d) Patients age, pregnancy status, drug allergy history etc |
| v) Functions at unconscious level and is usually involuntary and autonomic precisely | e) Adaptation   |

- Q11. Fill in the Blanks:  $\frac{1}{2} \times 5 = 2\frac{1}{2}$
- a) It is difficult to sleep if noise is more than ..... decibel.
  - b) Alarm reaction is when an individual ..... a stressor.
  - c) Resistance is when body stabilizes ..... levels.
  - d) Drug therapy plays ..... role in the.....of the patient.

- Q12. Write 'T' if the statement is True and 'F' if the Statement is false.  $\frac{1}{2} \times 5 = 2\frac{1}{2}$
- a) Communication skill is an important skill to develop while interacting with the patient. (T/F)
  - b) Nursing care evaluation is not a systematic approach. (T/F)
  - c) Nursing care plan is a written document which is to be followed while implementing interventions. (T/F)
  - d) Skin should be checked for turgor and mobility during Fluid imbalances. (T/F)
  - e) Atherosclerosis is not leading cause of death. (T/F)

**Concept and Principles in Critical Care Nursing**  
**Assignment 2 (Block 4- 6) (Tutor Marked)**

**Programme Code: DCCN**

**Course Code: BNS - 031**

**Assignment Code: BNS –031 /TMA-2/2023**

**Date of submission: April 30th, 2023**

**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 2 ½ marks.**

**Part – A**

- Q1. a) Differentiate between Medical and Surgical Asepsis.  
b) Enumerate basic principles of Medical Asepsis.  
c) Explain how you as a Nurse will prevent Nosocomial Bacterimia. 3+6+6=15
- Q2. a) Define Research Tool.  
b) Describe the Standardized tools with relevant examples studied by you.  
c) Discuss any five characteristics of a good research tool. 1+7+7=15

**Part-B**

- Q3. a) Explain the purposes of Job description.  
b) Describe the job responsibilities of a Critical Care Nurse. 3+7=10
- Q4. a) Discuss the approach to Performance Appraisal.  
b) Explain the drawbacks of Performance Appraisal. 5+5=10
- Q5. Discuss Ward rounds and Nursing rounds as a Clinical Teaching Method. 10
- Q6. a) Explain Problem Solving and Scientific Method.  
b) Describe the importance of Evidence-based practice in Nursing. 5+5=10
- Q7. Describe the layout of the research report. 10
- Q8. Discuss the application and utilization of computers in Nursing. 10

**Part- C**

Q9. Place tick mark (ℓ) against the most appropriate answer given under each statement.

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

- i. Gram Negative bacilli infections at surgical site , post-operatively take upto :
  - a) 6-7 days to appear
  - b) 1-2 days to appear
  - c) 4-5 days to appear
  - d) 10 days to appear
- ii. Organization of an ideal CCU should involve the following **except**:
  - a) Bed strength of 8-12
  - b) Floor space of 350-500 sq feet /bed
  - c) Natural Lighting
  - d) Temperature of 60-65 deg F
- iii. Questionnaire is useful owing to :
  - a) Being relatively simple
  - b) Allows open communication
  - c) Probes on a question
  - d) Directly help visualize the scenario
- iv. Tendency to overrate staff performance is known as:
  - a) Horn error
  - b) Halo error
  - c) Recency error
  - d) Leniency error
- v. Beneficence is directed towards:
  - a) Being faithful
  - b) Doing good
  - c) Avoiding harm
  - d) Telling truth

Q10. Match the terms given in column A with the Statements given in column B.

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

**Column A**

**Column B**

- |                                   |                                      |
|-----------------------------------|--------------------------------------|
| i) Radioactive Waste              | a) Leads to misunderstanding         |
| ii) Disposal without treatment    | b) Remedial education                |
| iii) Hurried Verbal Communication | c) Transmits information             |
| iv) Education which fills gap     | d) Self-paced learning               |
| v) Study guide                    | e) Black Bag                         |
|                                   | f) Arises from treating toxic goiter |

Q11. Fill in the blanks.

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

- a) is one of the most hazardous categories of waste generated in health care facility.
- b) is temporary holding of small quantity of waste at the point of generation.
- c) Job..... is the name for the position of the Job.
- d) Appraisal method involves rating by group of supervisors.
- e) An act is a written .....

Q12. Write 'T' if the statement is True and 'F' if the Statement is false.

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

- a) The bins for infectious and non-infectious waste should be kept outside the CCU. (T/F)
- b) Lecture only conveys cognitive information. (T/F)
- c) Consent for autopsy need not be taken. (T/F)
- d) Nominal scale has numbers with no quantitative value. (T/F)
- e) Descriptive data analysis is based on levels of Probability. (T/F)