



**AMREF INTERNATIONAL UNIVERSITY  
SCHOOL OF MEDICAL SCIENCES  
DEPARTMENT OF NURSING AND MIDWIFERY SCIENCES  
BACHELOR OF SCIENCE IN NURSING  
END OF SEMESTER EXAMINATIONS**

**BSN 121: Fundamentals of Nursing II**

**DATE: 10<sup>TH</sup> DEC 2025**

**TIME: 2 Hours**

**Start: 0900 HOURS**

**Finish: 1100 HOURS**

**INSTRUCTIONS**

1. This exam will be marked out of 70 marks
2. The Examination has Three Sections: Section A- Multiple Choice Questions, Section B: Short Answer Questions, Section C: Essay Questions
3. Answer all Questions in the ANSWER BOOKLET provided

## **SECTION I: MULTIPLE CHOICE QUESTIONS ( 20 MARK)**

1. The following is a guideline for incident report writing for clinical incidents:-
  - a. If involved , admit liability in the report.
  - b. Include personal assessment and judgment of the incident in the report.
  - c. Include date, time, interventions instituted to involved client , and name of the physician notified.
  - d. Give as many details as possible in the report.
  
2. The patients for whom fall precautions should be instituted include:-
  - a. Hypotensive patients
  - b. Delirious patients
  - c. Dyspneic patients
  - d. Patients with fever
  
3. Temperature monitoring and management is a priority of care in in patients with:-
  - a. Severe head injury , Major Burns
  - b. Acute Intestinal Obstruction , Mothers in Labour
  - c. Leukaemia , Greenstick fracture radius
  - d. Soft tissue injuries, Hypertension
  
4. A pulse rate slower than 60 beats per minute is referred to as:-
  - a. Bradycardia
  - b. Normotension
  - c. Tachycardia
  - d. Orthopnea
  
5. The complication likely in a postoperative client who has a rapid, weak pulse; urine output less than 30 mL/kg/hr; decreased blood pressure and cool and clammy skin is :-
  - a. Thrombophlebitis
  - b. Hypovolemic shock
  - c. Aspiration pneumonia
  - d. Wound dehiscence

6. Prior to providing oral care for an unconscious and unresponsive patient on total nursing care, the nurse should assess for :-
  - a. Presence of pain
  - b. Condition of the oral mucosa
  - c. Gag reflex
  - d. Range of motion
  
7. The appropriate type of bed and position for a post operative client returning from surgery to the unit via a stretcher is :-
  - a. An open bed in low position
  - b. An occupied bed in low position
  - c. A closed bed in high position
  - d. A surgical bed in high position
  
8. The following is NOT an etiology for altered bowel elimination:-
  - a. Decreased physical mobility.
  - b. Insufficient fluid intake.
  - c. Ineffective sleep pattern.
  - d. Inadequate dietary fiber.
  
9. According to the colour coding protocol for hospital waste management , extracted teeth and excised tumours are discarded into the:-
  - a. Yellow bin
  - b. Red bin
  - c. Black bin
  - d. White bin
  
10. The following situations warrant application of universal precautions in infection prevention and control:-
  - a. Administering a bedpan for elimination
  - b. Checking wrist tag to confirm patient identity
  - c. Preparing intravenous medication for administration
  - d. Repositioning a patient in bed

11. The most appropriate intervention to institute during a surgical wound dressing change when a nurse washes their hands, puts on sterile gloves to remove the old dressing, removes the soiled gloves and then immediately puts on a fresh pair of sterile gloves to clean and redress the wound is:-
- Schedule a time later to discuss proper dressing change procedures
  - Immediately stop the procedure and instruct the nurse to perform hand hygiene after removing the contaminated gloves and before donning the new sterile gloves.
  - Immediately stop the procedure and explain that sterile gloves are not required for removing the old dressing.
  - Praise the nurse their meticulous aseptic technique
12. A nurse who threatens to inject a patient if they decline to take oral medication is legally liable for:-
- Neglect
  - Battery
  - Assault
  - Invasion of privacy
13. The following is NOT a component of good body mechanics:-
- Avoid bending from the waist
  - Work at waist level or height that is comfortable
  - Carry objects away from the midline of your body
  - Know the maximum weight that is safe to carry
14. The following are strategies to minimize discomfort during parenteral drug administration:-
- Ensure bevel faces up, use smallest gauge needle to administer injection, stabilize tissue during injection
  - Ensure Bevel faces down, insert needle as slowly as possible, rotate injection site
  - Push all medication within 2 seconds once needle is in situ, Use largest gauge needle as possible, rotate injection sites
  - Use Z-track technique for Large volume intramuscular injections, Ensure bevel always faces down, distract patient
15. Indicate True (T) or False(F) for the following statements regarding good body mechanics:-
- The Chin is high and parallel to the floor.
  - Abdomen is tightened (internal girdle) in and up with gluteal muscles tucked in.

16. The following are indications for the fowlers' position:-
- To improve chest expansion in dependent patients
  - To administer enemas
  - To administer a bed bath
  - Prior to initiating a move up the bed
17. The instruction given to a client when taking a throat swab, to prevent the gag reflex is:-
- Hold the breath as soon the swab touches the throat
  - Say "aah" as the swab touches the throat
  - Perform the valsava maneuver as the swab advances past the teeth
  - Gargle with an stringent mouthwash prior to the swabbing step
18. Conducting a bedside handover report with loud voice that allows patients an open plan inpatient unit to overhear the index patient's information results in a tort called:-
- Slander
  - Negligence
  - Invasion of privacy
  - Breach of confidentiality
19. The five PRIMARY rights of medical administration include Right:-
- Patient, Drug, Dose, Time, Route
  - Patient, Drug, Documentation, Dose, Route
  - Patient, Drug, Education, To refuse, Documentation
  - Patient, Time, Drug, Assessments, Route
20. Calculate the drop factor per minute for a fluid prescription of 1200mls administered over 3 hours using a gravity giving set that runs 20 drops per ml:-
- 133drops per minute
  - 33drops per minute
  - 180 drops per minute
  - 60 drops per minute

**SECTION II: SHORT ANSWER QUESTIONS (30 MARKS)**

1. Outline five ( 5) nursing interventions for prevention of pressure ulcers in dependent patients ( 5 Marks)
2. State five ( 5 ) nursing strategies to optimize feeding in a patient who can take food orally (5 Marks)
3. Outline five ( 5 ) specific nursing interventions during nasogastric tube feeding ( 5 Marks)
4. Outline five ( 5) nursing interventions to prevent development of urinary tract infections in hospitalized patients ( 5 Marks)
5. Delineate five (5) routine nursing interventions to optimize respiratory function in dependent patients( 5 Marks)
6. Outline five (5) nursing interventions for a patient presenting with fever ( 5 Marks)

**SECTION III: LONG ANSWER QUESTION ( 20 MARKS)**

1. Mr. AB is a patient admitted to the surgical unit and is scheduled for Major Surgery in 8 hours time.
  - a. List four ( 4) patient characteristics that can increase the risk of surgery ( 2 Marks)
  - b. Describe the pre-operative nursing preparation protocol for Mr. Dd from admission till handing over to the surgical theater team ( 8 Marks)
  - c. Describe the post-operative management of Mr. Dd in the first 12 hours from the time of re admission to the surgical ward ( 10 Marks)