

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN NURSING**

**NURS 446: PERI-OPERATIVE**

**STREAMS:**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 4/12/2017**

**2.30 P.M – 4.30 P.M**

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**INSTRUCTIONS:**

**MULTIPLE CHOICE QUESTIONS (10MARKS)**

1. Premedication is used for the following reasons except:
  - (a) Decreasing secretion of saliva and gastric juices
  - (b) Decreasing anxiety and providing sedation
  - (c) Decreasing aspiration during induction of anesthesia
  - (d) Relieving pain and discomfort
2. An anesthetic nurse;
  - (a) Adjusts bedding and helps the patient walk
  - (b) Supervises collection of patient to and from the ward
  - (c) Gives guidance to follow up and treatment at home
  - (d) Co-ordinate services offered to nursing staff and patients
3. The following drugs are used as anesthesia except;
  - (a) Pethidine
  - (b) Valium
  - (c) Heparin
  - (d) Morphine
4. A nurse administrator in theater;
  - (a) Controls the physical and emotional atmosphere in the operating room
  - (b) Documents all equipment and instruments used
  - (c) Counts equipment at different stages where the cavity needs to be closed
  - (d) Ensures the care provided in theater of high quality

5. The flow of traffic within the surgical suite is designed to meet the ultimate objective of.
  - (a) Optimal ease of entry and exit by surgical personnel
  - (b) Segregation of the patient from all equipment and supply
  - (c) Prevention of cross contamination of one area of the surgical suite to another
  - (d) Allowing the patient to be moved from the inner core of the surgical suite without passing through the outer core.
6. Most preoperative patient activities in the operating theatres are mainly performed in the
  - (a) Restricted area
  - (b) Unrestricted area
  - (c) Semi restricted area
  - (d) Either the semi restricted or restricted depending on the type of facility
7. The most important means of infection prevention depending and control in theatre is:
  - (a) Good hand washing technique by all members of the surgical team
  - (b) Germicidal dump dusting of all surgical equipment entering the semi restricted area of the operating suite
  - (c) Containing all soiled instruments in one area
  - (d) Separation of clean and dirty items in the operating suite
8. The peri operative nursing role exclusively performed by a registered nurse is that of:
  - (a) Scrub assistant
  - (b) First surgeon assistant
  - (c) Circulator
  - (d) Anesthetic assistant
9. In preparation for a surgical procedure, the preoperative nurse needs to first consider factors related to:
  - (a) The surgical approach
  - (b) The surgical complications
  - (c) The actual surgical procedure
  - (d) Surgical closure
10. The perioperative nurse's first step in creating a suitable environment in surgery is
  - (a) Preparing the patient for surgery
  - (b) Assisting in anesthesia
  - (c) Preparing the procedure room
  - (d) Creating a sterile field

**PART II SHORT ANSWER QUESTION (40MARKS)**

1. List any four (4) duties of a scrub nurse. [2marks]
2. State three (3) effects of anesthesia. [3marks]
3. Explain the following classes of anesthesia. [8marks]
  - a. Local anesthesia

- b. Regional anesthesia
  - c. Epidural anesthesia
  - d. General anesthesia
4. Explain three (3) factors influencing the choice of anesthesia. [6marks]
  5. List any four (4) aims of theater nursing. [2marks]
  6. List two principles of infection prevention in theater. [1mark]
  7. Differentiate between a suture and a ligature. [4marks]
  8. State any five (5) duties of a circulating nurse. [5marks]
  9. (a) Describe any three (3) positions used in the operating room. [6marks]  
(b) For each position named above, give an example of an operation in which it is used. [3marks]

**LONG ANSWER QUESTIONS (20MARKS)**

1. Peri operative nursing improves knowledge, skills and attitude for the nurses to manage patients undergoing operations.
    - (a) Explain any four (4) interventions during preparation of a patient pre-operatively. [8marks]
    - (b) Describe the post operative nursing management for the client following abdominal surgery. [12marks]
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