School RN Exam Content Outline

Exam Objective: To measure overall clinical knowledge of the registered nurse in the school setting.

Knowledge Domains - School RN Exam

- Complex Health Issues: 37%
- Health Appraisal: 15%
- Health Problems and Nursing Management: 31%
- Health Promotion and Disease Prevention: 10%
- Professional Issues: 8%
I. Complex Health Issues
   A. Knowledge of appropriate documentation related to assessment findings.
   B. Knowledge of effective communication with student to promote trusting relationship.
   C. Knowledge of identifying and assessing emergency situations.
      1. Head trauma/injuries
      2. Wound punctures
      3. Unconsciousness
   D. Knowledge of initiating emergency response plans.
   E. Knowledge of protocols during emergency situations.
   F. Knowledge of common emergency medications administered in school setting.
      1. EpiPen
      2. Inhalers
   G. Knowledge of identifying and initiating appropriate interventions for complex health and behavioral issues:
      1. Abuse
      2. ADHD
      3. Bullying
      4. Developmental/puberty issues
      5. Eating Disorders
      6. Sexual Abuse
      7. Suicide
      8. Substance Abuse
H. Knowledge of signs and symptoms and appropriate interventions of various disease processes:
   1. Cerebral Palsy
   2. Communicable diseases
   3. Diabetes
   4. Diabetic Ketoacidosis
   5. Seizures

I. Knowledge of principles of medication administration:
   1. Administration of medications per written orders
   2. Calculations for parenteral dosages
   3. Indications for medications ordered
   4. Timeframes to administer medications
   5. Safety and storage of medications (prescription and nonprescription)

J. Knowledge of principles of insulin administration.
   1. Student education of self-administration of insulin injections
   2. Insulin administration calculation formulas

Insulin Administration Formulas

**Insulin to Carbohydrate Ratio = (I:C)**  Example - 1 unit: per ___ grams carbs

**Carb Coverage Formula:**

\[
\frac{\text{# grams of carbs in meal}}{\text{# grams of carbs in (I:C)}} = \text{# unit of insulin to administer}
\]

**Correction Dose by Insulin Sensitivity Factor (ISF):**

\[
\text{Current Blood Glucose - Target Blood Glucose} \times \text{Insulin Sensitivity Factor} = \text{# units of insulin to administer}
\]
II. Health Appraisal

A. Knowledge of principles of physical assessment:
   1. Assessment by body system
   2. Restrictions of assessment in school setting

B. Knowledge of identifying emergency conditions/situations and appropriate interventions.
   1. Concussion
   2. Coffee ground emesis
   3. Injuries obtained on school premises

C. Knowledge of different types of growth and development theories:
   1. Maslow’s Hierarchy of Needs
   2. Piaget’s Cognitive Development
   3. Tanner Stages of Sexual Development

D. Knowledge of various disease processes:
   1. Chicken pox
   2. Diabetes
   3. Fifth’s Disease
   4. Hypoglycemia
   5. Hyperglycemia

E. Knowledge of assessing and maintaining immunizations records according to recommended guidelines and requirements.

F. Knowledge of protocols for preventing the spread of illnesses.

G. Knowledge of identifying and reporting suspected child abuse and neglect.
H. Knowledge of various types of routine screening assessments and interventions for abnormal findings, such as visual acuity.

III. Health Problems and Nursing Management
   A. Knowledge of role of the nurse in a school setting.
   B. Knowledge of appropriate protocols prior to providing treatment or interventions.
   C. Knowledge of assessing physician orders for pertinent information needed for appropriate treatment and interventions.
   D. Knowledge of utilizing two student identifiers prior to administering medications or providing treatments.
   E. Knowledge of needle stick protocols.
   F. Knowledge of identifying emergency disease processes/conditions.
   G. Knowledge of documentation of school related injuries.
   H. Knowledge of assessment and interventions for allergy management.
   I. Knowledge of nursing interventions and prioritizing tasks for:
      1. Abnormal assessment findings related to medication administration
      2. Signs of illness (abnormal vital signs, nausea/vomiting)
      3. Tube feedings
   J. Knowledge of priority interventions/assessments related to specific disease processes:
      1. Blood disorders
      2. Diabetes
K. Knowledge of protocols following emergency response plans.

L. Knowledge of protocols for preserving avulsed (knocked out) permanent teeth.

M. Knowledge of performing appropriate assessments prior to medication administration.

N. Knowledge of appropriate age-related dosages for common medications administered in school setting.

O. Knowledge of storage and transportation of medications during field trips.

P. Knowledge of parenteral dosage calculations.

Q. Knowledge of appropriate storage of medications.

R. Knowledge of correct sites for injectable medication administration.

S. Knowledge of medications that need to be counted daily.

T. Knowledge of insulin pumps.

IV. Health Promotion and Disease Prevention

A. Knowledge of principles of Individualized Healthcare Plan.

B. Knowledge of protocols for administering prescription and nonprescription medications.

C. Knowledge of recommended target HgbA1C by the American Diabetes Association in management of diabetes.

D. Knowledge of staff education for seizure management.

E. Knowledge of education of side effects of medications used for seizure management.
F. Knowledge of principles of communicable diseases:
   1. Different types of communicable diseases
   2. Documentation
   3. Reporting protocols
   4. Education
   5. Prevention

G. Knowledge of education related to signs and symptoms of wound infection.

H. Knowledge of assessment techniques for asthma symptoms.

V. Professional Issues

A. Knowledge of developing and maintaining Individualized Health Care Plan (IHCP).

B. Knowledge of governance for scope of practice of school nurse.

C. Knowledge of principles of nursing negligence.

D. Knowledge of principles of state and federal laws, regulations, and guidelines:
   1. HIPAA
   2. Americans with Disabilities (504) Act
   3. FERPA
   4. Child Protective Services

E. Knowledge of procedures for routine and emergency treatment:
   1. Documentation of authorizations and consents
   2. Documentation of treatment orders