

## National Medication Aide Certification Examination (MACE™) Content Outline

### I. Authorized Duties **14% = 7 questions**

- A. Building Relationships
- B. Role of Delegating/Supervising Nurse
- C. Role of MA-C
  - 1. Permitted Duties
  - 2. Restrictions/Limitations
- D. The Process of Delegation
  - 1. Responsibility of MA-C When Accepting Delegation Tasks
- E. Specific Legal and Ethical Issues

### II. Medication Administration **40% = 20 questions**

- A. Administering and Charting Medications
  - 1. Medication Orders
  - 2. Documentation of Medication Administration
  - 3. Storage
  - 4. Disposal
- B. Safety and Rights of Medication Administration
- C. Preparation and Actual Medication Administration
- D. Prevention of Medication Errors
- E. Routes of Administration
- F. Factors Affecting How the Body Uses Medication
- G. **Classifications/Categories** of Medications Related to Body Systems and Actions (e.g., antimicrobials, cardiovascular, dermatological, endocrine...)
- H. Rights of Individuals

### III. Medication Concepts and Measurements **30% = 15 questions**

- A. Medication Basics
  - 1. Terminology and abbreviations
  - 2. Dosage Range
  - 3. Actions and Implications
  - 4. Therapeutic and other side effects (e.g. idiosyncratic, paradoxical, antagonist)
  - 5. Precautions
  - 6. Allergic and Adverse Reactions
  - 7. Interactions
- B. Forms of Medication
  - 1. Liquid
  - 2. Solid and semi-solids
- C. Mathematics, Weights and Measures

### IV. Observation, Care and Reporting **16% = 8 questions**

- A. Causes and Reporting of Medication Errors
- B. Reporting of Symptoms and Side Effects
- C. Reporting Any Change From Client's Normal Condition
- D. Location of Resources and References (e.g., nurse, pharmacist, physician, package/drug insert, drug reference manuals)