Medical Terminology

New for 2015 - 2016

This event will be open to Middle School competitors at NLC 2016.

Purpose: To encourage HOSA members to improve their ability to identify, spell, define and apply the prefixes, suffixes, roots and anatomy, physiology, pathophysiology and occupations related to the health community.

Description This event shall be a written examination dealing with selected terms common to health and others unique to the varied health specialties. Competitors shall be expected to recognize, identify, define, interpret and apply these terms in a 100 item multiple choice test.

Dress Code: Competitors must be in official HOSA uniform or in proper business attire. Bonus points will be awarded for proper dress.

Rules and Procedures

1. Competitors in this event must be active members of HOSA-Future Health Professionals, in good standing in the category in which they are registered to compete (Middle School, Secondary or Postsecondary/Collegiate).

2. Competitors must be familiar with and adhere to the "General Rules and Regulations of the National HOSA Competitive Events Program (GRR)."

3. Test Plan: 45% Roots, prefixes, suffixes, and combining forms
5% Overview of Body
5% Skeletal
5% Muscular
5% Respiratory
5% Digestive
5% Cardiovascular & Lymphatic
5% Nervous/Special Senses
5% Endocrine
5% Reproductive
5% Integumentary
5% Urinary

4. The official references for selection of all terms shall include:
   - Stedman’s Medical Terminology. Edited by Charlotte Creason, Lippincott Williams & Wilkins, Latest edition.

NOTE: States/regions may use a different process for testing, to include but not limited to pre-conference testing, online testing, and testing at a computer. Check with your Area/Region/State for the process you will be using.
5. A series of twenty (20) tie-breaking questions will be administered with the original test. In case of a tie, successive sets of five tie-breaker questions will be used until a winner is determined. In the tie-breaker, correct spelling is required for an item to be considered correct.

6. All competitors shall report to the site of the event at the time designated for the event orientation and test. The test will immediately follow the orientation. No proxies will be allowed for the orientation.

7. **Test Instructions:** Competitors will be given instructions on the use of the Scantron form. After instructions have been given to the competitors, they will be notified to start the test. There will be a maximum of **90 minutes** to complete the test. There will be a verbal announcement when there are 15 minutes remaining for the test period. Competitors may be excused from the testing site promptly after completion of the test.

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**Competitor Must Provide:**
- Event guidelines (orientation)
- #2 lead pencil with eraser
- Watch with second hand (optional)

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**Required Personnel (Per Section):** (SS level event; PS/C level event) No sections within levels.

1. One Event Manager (per event)
2. One Section Leader
3. Two to three Proctors
4. One-two event assistants
5. One QA to provide quality assurance for the event by ensuring that the guidelines are followed and all event documents are complete.

**Facilities, Equipment and Materials (Per Section):**

- One room to accommodate the total number of competitors
- Tables/chairs or schoolroom desks/chairs for total number of competitors
- Table/chairs for event personnel to provide for registration and distribution of materials
- Test packets pre-numbered and Scantron / answer forms
- Clock or timer
- Evaluation Forms – competitor and personnel
- #2 lead pencils with eraser to complete evaluations

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**Icon Key**

- The orientation includes an event element. Competitors must bring pencils/pens.
Sample Test Questions

1. The suffix for breathing is
   A. 'cide'.
   B. 'ion'.
   C. 'pnea'.
   D. 'stalis'.

2. The study of the structure, composition and function of body tissue is
   A. biology.
   B. cytology.
   C. endocrinology.
   D. histology.

3. Meggie was in an automobile accident and tore her deltoid muscle. The surgical procedure to repair the muscle is
   A. myelotomy.
   B. myorrhaphy.
   C. myotomy.
   D. diathermy.