



# Health Career Exploration Knowledge Test

***New for 2018-2019***

At ILC, [photo ID](#) must be presented prior to competing.

- Purpose** To encourage **Middle School Division** HOSA members to explore and learn about health careers and to assess knowledge common in the health community.
- Description** This event shall be a 50 item multiple choice written test plus one tie-breaker essay question requiring competitors to apply, analyze, synthesize and/or evaluate information related to health careers. Competitors will recognize, identify, define, interpret and apply terms related to health careers in a. Written test will measure knowledge and understanding at the recall, application or analysis levels. Higher-order thinking skills will be incorporated as appropriate.
- Dress Code** Competitors must be in official HOSA uniform or 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 and in good standing in the **Middle School Division**.
  2. Competitors must be familiar with and adhere to the [“General Rules and Regulations of the National HOSA Competitive Events Program \(GRR\).”](#)
  3. One essay question will be administered with the original test. In case of a tie, the essay question will be judged and used to break the tie.
  4. The test plan and resources for the Health Career Exploration Tests are:

## **HEALTH CAREER EXPLORATION**

For each of the following five career clusters the following areas will be tested:

- Career Skills
- Fundamental Skills
- Professional Knowledge
- Academic Knowledge

- **Health Informatics** 20%
- **Therapeutics** 20%
- **Diagnostics** 20%
- **Support Services** 20%
- **Biotechnology** 20%

### References for Health Career Exploration:

- [Winger and Blahnik. Introduction to Health Science: Pathways to Your Future. Goodheart-Wilcox Publisher. 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. All competitors shall report to the site of the event at the time designated for the event orientation. The test will immediately follow the orientation. At ILC, [photo ID](#) must be presented prior to competing. **No proxies will be allowed for the orientation.**
6. [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 **60 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.
7. The competitor should write his/her answer to the tie-breaker essay question on the tie-breaker page of the test that remains attached to the original test.

#### Competitor Must Provide:

- Event guidelines (orientation)
- #2 lead pencils with an eraser
- [Photo ID](#)

FOR SPECIFICS ON EVENT MANAGEMENT SEE [MANAGING COMPETITIVE EVENTS](#)

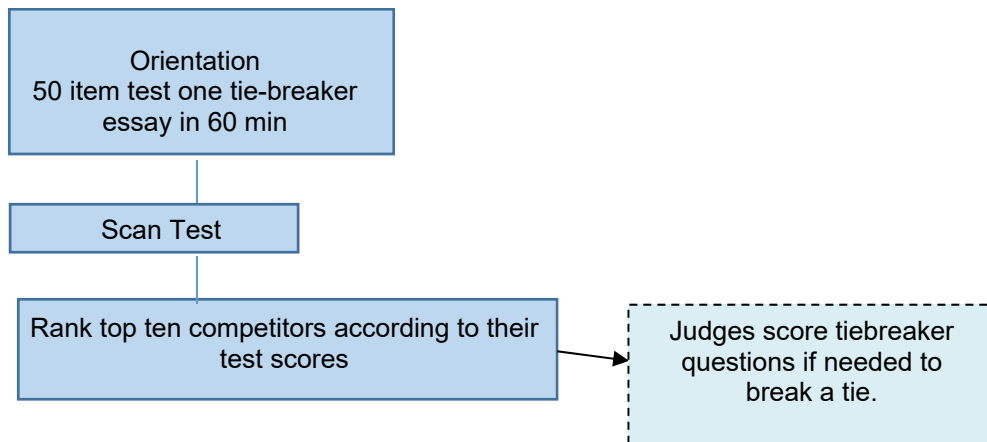
#### Required Personnel:

- One Event Manager
- One QA to provide quality assurance for the event by ensuring that the guidelines are followed and all event documents are complete.
- Proctors for Testing – Approximately one proctor per 20 competitors
- One judge who is considered by the HOSA Competitive Events committee to be an expert in the area being tested - to grade the essay questions in case of a tie
- Event assistants as needed

### Facilities, Equipment and Materials:

- 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 materials distribution
- List of competitors for check-in
- One pre-numbered test per competitor
- Scantron/answer forms - one copy per competitor
- Timer or clock
- Evaluation Forms – competitor and personnel
- #2 lead pencils with eraser to complete evaluations (event personnel)

### Event Flow Chart



### Sample Test Questions

1. Which tool is used by physical therapists to measure range of motion for an injured joint?
  - a. sphygmomanometer
  - b. goniometer
  - c. catheter
  - d. cannula
  
2. Which set of alphanumeric codes is used to organize diseases for reimbursement?
  - a. ICD
  - b. AMA
  - c. WHO
  - d. CPT
  
3. Which pulse is measured by listening to the heart with a stethoscope?
  - a. carotid
  - b. ulnar
  - c. apical
  - d. radial