



Last updated: October 17th, 2022

## Nutrition

***PLEASE NOTE THE FOLLOWING DIFFERENCES IN HOW THIS EVENT WILL BE RUN AT HOSA CANADA'S FALL LEADERSHIP CONFERENCE (FLC):***

1. Written test time shortened to 60 minutes (still 100 questions) at FLC only.
2. Written test will take place online and be open book at FLC only.

***PLEASE NOTE HOSA CANADA'S SPRING LEADERSHIP CONFERENCE (SLC) WILL BE IN-PERSON AND THIS EVENT WILL BE RUN ACCORDING TO THE GUIDELINES IN THE FOLLOWING PAGES, EXCEPT FOR THE FOLLOWING DIFFERENCE:***

1. There will be a verbal announcement when there are 30 minutes and 5 minutes remaining to complete the test at SLC.  
*\*Please note that NO verbal announcements will be made at the International Leadership Conference (ILC).*



**New for 2022 – 2023**

*Williams' Basic Nutrition & Diet Therapy* by Nix has been retired. *Nutrition & Wellness for Life* by Dorothy West has been added as a resource.

There will be NO verbal announcements during testing.

**Event Summary**

The Nutrition test provides HOSA members with the opportunity to explore and learn about the relationship of nutrition and wellness and to assess knowledge common in this health field. This competitive event consists of a written test with a tiebreaker essay question. This event aims to inspire members to be proactive future health professionals and to apply and analyze information related to nutrition and health.

**Sponsorship**

This event is sponsored by [Grand Canyon University](#)



**Dress Code**

Competitors must be in official HOSA uniform or proper business attire. Bonus points will be awarded for [proper dress](#).

**Competitor Must Provide:**

- [Photo ID](#)
- Two #2 lead pencils (not mechanical) with eraser

**General Rules**

1. Competitors in this event must be active members of HOSA-Future Health Professionals and in good standing.
2. **Eligible Divisions:** Secondary and Postsecondary/Collegiate divisions are eligible to compete in this event.
3. Competitors must be familiar with and adhere to the [“General Rules and Regulations of the HOSA Competitive Events Program \(GRR\).”](#)
  - Per the [GRRs #11](#) and [Appendix H](#), HOSA members may request accommodation in any competitive event. To learn the definition of an accommodation, please read [Appendix H](#). To request accommodation for the International Leadership Conference, [submit the request form here](#) by May 15 at midnight EST.

- To request accommodation for any regional/state level conferences, please work with your local & state advisor directly. Accommodations must first be done at state in order to be considered for ILC.

4. All competitors shall report to the site of the event at the time designated for each round of competition. At ILC, competitor's [photo ID](#) must be presented prior to ALL competition rounds.

### Official References

5. All official references are used in the development of the written test.
6. [Roth, Ruth. \*Nutrition and Diet Therapy\*, Cengage Learning. Latest edition.](#)
7. [West, Dorothy. \*Nutrition and Wellness for Life\*. Goodheart-Willcox. Latest edition.](#)

### Written Test

8. [Test Instructions](#): The written test will consist of 100 multiple choice items in a maximum of 90 minutes.
9. **Time Remaining Announcements**: There will be NO verbal announcements for time remaining during ILC testing. All ILC testing will be completed in the Testing Center and competitors are responsible for monitoring their own time.
10. 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.
11. The test plan for Nutrition is:
- |  |                          |
|--|--------------------------|
| • Carbohydrates, fats and proteins.....                    | 15%                      |
| • Vitamins & minerals.....                                 | 15%                      |
| • Water (Fluid & electrolyte balance) .....                | 10%                      |
| • Nutrition through the life span.....                     | 15%                      |
| • Digestion, absorption and metabolism.....                | 10%                      |
| • Cultural patterns and food habits.....                   | 5%                       |
| • Food related illnesses, intolerances, and allergies..... | 10%                      |
| • Medical nutrition therapy.....                           | 20%                      |
| Diabetes   | Cardiovascular disease   |
| Renal disease  | Gastrointestinal disease |
| Clients with special needs                                 | Cancer                   |

### 12. Sample Test Questions

- Lactose, maltose and sucrose belong to which type of carbohydrate group? (Roth pp 66)
  - Disaccharides**
  - Liposaccharides
  - Monosaccharides
  - Polysaccharide
- Which body organ has no stored supply of glucose and requires a minute-to-minute supply from the blood? (West pp 130)
  - Heart
  - Liver
  - Brain**
  - Pancreas
- Diets high in cholesterol and saturated fats are thought to contribute to which condition? (Roth p 244)
  - Diabetes mellitus
  - Atherosclerosis**
  - Hypertension
  - Macular degeneration

### Final Scoring

13. The competitor should write his/her answer to the tiebreaker essay question on the tiebreaker page of the test that remains attached to the original test.
14. Final rank is determined by the test score. In case of a tie, the essay question will be used to determine the rank.