Commission on Dietetic Registration

the credentialing agency for the
Academy of Nutrition
right and Dietetics

CANDIDATE HANDBOOK



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INTRODUCTION

Specialist board certification for registered dietitians is offered by the Commission on Dietetic Registration (CDR), the credentialing agency for the Academy of Nutrition and Dietetics in the areas of gerontological nutrition, oncology nutrition, pediatric nutrition, renal nutrition, sports dietetics as well as an interdisciplinary certification in obesity and weight management. CDR specialist board certification is granted in recognition of the applicant's documented practice experience and successful completion of a computerized examination in the specialty area. There are two examination windows for the Board Certification Specialist in Sports Dietetics, one in February and one in July. The examination consists of 150 multiple-choice questions. It is essential that you keep this Candidate Handbook readily available for reference until you have successfully completed the examination. You are responsible for knowing its contents.

TESTING AGENCY

AMP, a PSI business, (PSI/AMP) is currently the professional testing agency retained by CDR to assist in the development, administration, scoring, and analysis of this specialty examination. PSI/AMP is a research and test development company that specializes in conducting professional competency assessment research and providing examination services through its nationwide network of test centers and has worked with a number of health practitioner credentialing programs.

STATEMENT OF NONDISCRIMINATION

CDR and AMP do not discriminate among candidates on the basis of race, color, creed, gender, religion, national origin, disability or marital status.

CONFIDENTIALITY

Information about candidates for testing and their examination results are considered confidential. Test question drafts and other materials used to create examination questions (except for test content outlines or reference lists) are secure and confidential. All such materials shall be kept in secure, locked storage, accessible only by authorized personnel, and not disclosed to or shared with others. All questions written and materials developed for questions are considered a "work for hire," and remain the property of CDR. Question writers are not allowed to conduct "review courses" or other programs designed to prepare candidates to take a CDR Specialty examination. Studies and reports concerning candidates will contain no information identifiable with any candidate, unless authorized by the candidate.

EXAMINATION APPOINTMENTS

After you have received notification of your eligibility from CDR, and about one month before the examination dates, you may schedule an examination appointment by one of the following methods. Be prepared to confirm a date and location for testing and to provide your unique identification number, included by CDR with your eligibility letter.

1. Schedule Online:

Follow these steps:

- Go to <u>www.goAMP.com</u>
- Select "Candidates"

- Select "Category" " Healthcare"
- Select "Program" "Commission on Dietetic Registration"
- Select "Examination" "Specialist in Sports Nutrition Examination"
- Click On "Register for this Exam"
- If you have never used AMP's online system before you will have to register as a new user by clicking on "New user?"
- After scheduling your examination appointment online you will receive an email confirmation.

2. Telephone Scheduling:

Call AMP at 888-519-9901 to schedule an examination appointment. This toll-free number is answered from 7:00 a.m. to 9:00 p.m. (Central Time) Monday through Thursday, 7:00 a.m. to 7:00 p.m. on Friday and 8:30 a.m. to 5:00 p.m. on Saturday. You will not receive an e-mail confirmation if you schedule by phone.

If special accommodations are requested, please submit the two-page Request for Special Examination Accommodations form included at the end of the Handbook, prior to contacting PSI/AMP.

The examinations are administered by appointment only Monday through Saturday at various times based on location. Individuals are scheduled on a first-come, first-served basis.

When the appointment is made, the applicant will be sent an email providing the time to report to the Test Center. The applicant will only be allowed to take the examination for which the appointment has been made. No changes in examination type will be made at the Test Center. UNSCHEDULED CANDIDATES (WALK-INS) WILL NOT BE ADMITTED to the Test Center.

HOLIDAYS

The examinations are not offered on the following holidays:

- New Year's Day
- Martin Luther King Jr. Day
- Memorial Day
- Independence Day (July 4)
- Labor Day
- Thanksgiving Day (and the following Friday)
- Christmas Eve Day
- Christmas Day

TEST CENTER LOCATIONS

Examinations are administered by computer at approximately 300 Test Centers geographically distributed throughout the United States. Test Center locations and detailed maps are available on the PSI/AMP website, www.goAMP.com. Specific address information will be provided once an appointment has been scheduled.

SPECIAL ARRANGEMENTS FOR CANDIDATES WITH DISABILITIES

PSI/AMP complies with the Americans with Disabilities Act and strives to ensure that no individual with a disability is deprived of the opportunity to take the examination solely by reason of that disability. PSI/AMP will provide reasonable accommodations for candidates with disabilities. Candidates requesting special accommodations must call PSI/AMP at 1-888-519- 9901 to schedule their examination.

Wheelchair access is available at all established Test Centers. Candidates must advise PSI/AMP at the time of scheduling that wheelchair access is necessary.

Candidates with visual, sensory or physical disabilities that would prevent them from taking the examination under standard conditions may request special accommodations and arrangements.

Verification of the disability and a statement of the specific type of assistance needed <u>must be made in writing to CDR</u> using the form at the end of the Candidate Handbook, at least 45 calendar days prior to your desired examination date. Please inform PSI/AMP of your need for special accommodations when scheduling your examination appointment.

RESCHEDULING OR CANCELING AN EXAMINATION APPOINTMENT

A candidate may reschedule an examination appointment during the current testing window one time, at no charge by calling PSI/AMP at 1-888-519-9901 at least two business days prior to the scheduled testing session. (Chart to follow.)

	Variable to all ANAD by 2.00 and Control Times to also as		
	You must call AMP by 3:00 p.m. Central Time to change		
If your examination is scheduled on	your appointment by the previous		
Monday	Wednesday		
Tuesday	Thursday		
Wednesday	Friday		
Thursday	Monday		
Friday	Tuesday		

A candidate who does not schedule his/her examination appointment during the current test administration window may have their application and examination fee transferred to the next test administration window free of charge by contacting CDR at (800) 877-1600, exts. 4758, 4816, or 4718 or specialists@eatright.org. Candidate's eligibility and examination fee will only extend one test administration window. A new application and examination fee will need to be submitted if the candidate does not take an examination after transferring once to the next test administration window.

A candidate who does not schedule his/her examination appointment after confirmation of eligibility may request a full refund if they do not wish to test during the current or subsequent test administration window. Requests for refunds must be made in writing and mailed, faxed or e-mailed to CDR. If the candidate wishes to take the examination again, a new application and examination fee will need to be submitted.

A candidate who wishes to reschedule his/her examination appointment, but fails to contact PSI/AMP at least two business days prior to the scheduled testing session will be required to pay a \$85 fee to reschedule the examination. The fee applies even if the candidate waits until the next testing window to reschedule their appointment. In order to reschedule your appointment, you will need to contact CDR at (800) 877-1600, ext. 4816, 4705, or 4718 or specialists@eatright.org. Note that your examination eligibility may expire after the next test administration window.

INCLEMENT WEATHER, POWER FAILURE OR EMERGENCY

In the event of inclement weather or unforeseen emergencies on the day of an examination, PSI/AMP will determine whether circumstances warrant the cancellation, and subsequent rescheduling, of an examination. The examination will usually not be rescheduled if the Test Center personnel are able to open the Test Center.

Candidates may visit PSI/AMP's website at www.goAMP.com prior to the examination to determine if PSI/AMP has been advised that any Test Centers are closed. Every attempt is made to administer the examination as scheduled; however, should an examination be canceled at a Test Center, all scheduled candidates will receive notification regarding rescheduling or reapplication procedures.

If power to a Test Center is temporarily interrupted during a test administration, your examination will be restarted. The responses provided up to the point of interruption will be intact.

EXAMINATION CONTENT

The examination consists of 150 multiple-choice questions (125 scored questions and 25 pretest questions), and is constructed using approximately the number of items indicated in the Content Outline. Pretesting is done to see how well items perform before they are used in the scored portion of the examination. The pretest questions cannot be distinguished from those that will be scored, so it is important that all questions are answered to the best of your ability. Candidates will have to choose the one best answer from either three or four options provided. Candidates will have 3 hours to complete the examination.

COPYRIGHTED EXAMINATION QUESTIONS

All examination questions are the copyrighted property of CDR. It is forbidden under federal copyright law to copy, reproduce, record, distribute or display these examination questions by any means, in whole or in part. Doing so may subject you to severe civil and criminal penalties.

ON THE DAY OF YOUR EXAMINATION

On the day of your examination appointment, report to the Test Center no later than your scheduled testing time. A CANDIDATE WHO ARRIVES MORE THAN 15 MINUTES AFTER THE SCHEDULED TESTING TIME WILL NOT BE ADMITTED.

To gain admission to the Test Center, a candidate needs to present two forms of identification; <u>one must be a valid government issued identification with photograph</u>. Both forms of identification must be current and include the candidate's current name and signature. The candidate will also be required to sign a roster for verification of identity.

Acceptable forms of identification include a current:

- 1. State Issued Driver's License with photograph
- 2. State Issued Identification card with photograph
- 3. US Government Issued Passport
- 4. US Government Issued Military Identification card with photograph
- 5. US Government Issued Alien Registration Card
- 6. Social Security Card (secondary form)
- 7. CDR Registration Identification Card (secondary form)
- 8. Credit Card (secondary form)

Employment ID cards, student ID cards and any type of temporary identification are NOT acceptable as primary identification. Candidates are prohibited from misrepresenting their identities or falsifying information to obtain admission to the Test Center.

SECURITY

CDR and PSI/AMP maintain examination administration and security standards that are designed to ensure all candidates are provided the same opportunity to demonstrate their abilities. The Test Center is continuously monitored by video surveillance equipment for security purposes.

The following security procedures apply during the examination:

- Examinations are proprietary. No cameras, notes, tape recorders, computers, pagers or cellular phones are allowed in the testing room. Possession of a cellular phone or other electronic devices is strictly prohibited and will result in dismissal from the examination.
- Only silent, non-programmable calculators without alpha keys or printing capabilities are allowed in the testing room.
- No guests, visitors or family members are allowed in the testing room or reception areas.
- Candidates may be subjected to a metal detection scan upon entering the examination room.

PERSONAL BELONGINGS

No personal items, valuables, or weapons should be brought to the Test Center. Coats must be left outside the testing room. You will be provided a locker or secure folder to store your belongings during testing. You will not have access to these items until after the examination is completed.

You will be asked to pull out your pockets to ensure they are empty. If any personal items are observed in the testing room after the examination is started, you will be dismissed and the administration will be forfeited.

EXAMINATION RESTRICTIONS

- Pencils will be provided during check-in.
- You will be provided with one piece of scratch paper at a time to use during the examination. You
 must return the scratch paper to the supervisor at the completion of testing, or you will not receive
 your participation report.
- No documents or notes of any kind may be removed from the Test Center.
- No questions concerning the content of the examination may be asked during the examination.
- Eating, drinking or smoking will not be permitted in the Test Center.
- You may take a break whenever you wish, but you will not be allowed additional time to make up for time lost during breaks. You may not leave the testing building during your break.

MISCONDUCT

If you engage in any of the following conduct during the examination you may be dismissed, your scores will not be reported and examination fees will not be refunded. Examples of misconduct are when you:

- create a disturbance, are abusive, or otherwise uncooperative;
- display and/or use electronic communications equipment such as pagers, cellular phones;

- talk or participate in conversation with other examination candidates;
- give or receive help or are suspected of doing so;
- leave the Test Center during the administration;
- attempt to record examination questions or make notes;
- attempt to take the examination for someone else;
- are observed with personal belongings, or
- are observed with notes, books or other aids.

COMPUTER LOGIN

After your identification has been confirmed, your photograph will be taken. This photograph will also print on your score report. You will be directed to a workstation where you will be instructed on-screen to enter your unique identification number, which was provided to you with your eligibility information from CDR.

PRACTICE TUTORIAL

Prior to attempting the examination, you will be given the opportunity to take a practice tutorial on the computer.

The time you use for this practice tutorial is NOT counted as part of your examination time or score. When you are comfortable with the computer testing process, you may quit the practice session and begin the timed examination. Please note that this practice tutorial is to help you become familiar with the computerized examination format; it is possible that the problems will not be nutrition related.

TIMED EXAMINATION

Following the practice tutorial, you will begin the 3-hour timed examination. Before beginning, instructions for taking the examination are provided on-screen.

The computer monitors the time you spend on the examination. The examination will terminate if you exceed the time allowed. A digital clock located at the top of the screen updates as you record your answers and indicates the time remaining for you to complete the examination.

Only one examination question is presented at a time. Choices of answers to the examination question are identified as A, B, C, or D. You must indicate your choice by either typing in the letter in the response box in the lower left hand of the computer screen or clicking in the option using the mouse.

To change your answer, enter a different option by pressing the A, B, C, or D key or by clicking on the option using the mouse. You may change your answer as many times as you wish during the examination time limit.

To move to the next question, click on the forward arrow (>) in the lower right portion of the screen. This action will move you forward through the examination, question by question. If you wish to review any question or questions, click the backward arrow (<) or use the left arrow key to move backward through the examination.

An examination question may be left unanswered for you to return later in the examination session. Questions may also be bookmarked for later review by clicking in the blank square to the right of the Time button. Click on the hand icon to advance to the next unanswered or bookmarked question on the examination. To identify all unanswered and bookmarked questions, repeatedly click on the hand icon. When the examination is completed, the number of examination questions answered is reported. If not all questions have been answered and there is time remaining, return to the examination and answer

those questions. Be sure to provide an answer for each examination question before ending the examination. There is no penalty for guessing. Also if more than one answer is required it will be indicated within the question.

CANDIDATE COMMENTS

During the examination, comments may be provided for any question by clicking on the button displaying an exclamation point (!) to the left of the Time button. This opens a dialogue box where comments may be entered. Comments will be reviewed, but individual responses will not be provided. Once you leave the test center, if you still have comments you may forward written comments to CDR at specialists@eatright.org. All comments should be sent to CDR (Attn: Specialty Certification) no later than five business days after the close of the examination window. Please note that the appeal process is different.

FOLLOWING THE EXAMINATION

After completing the examination, candidates are asked to complete a short evaluation of their examination experience. Candidates are then instructed to report to the examination proctor to receive their examination confirmation report. Score Reports will be mailed within 6-8 weeks of the last testing date.

PASS/FAIL SCORE DETERMINATION

The methodology used to set the minimum passing score is the Angoff method, based upon data gathered during the performance of a Passing Point Study by a panel of experts in the field. The experts evaluated each question on the examination to determine how many correct answers are necessary to demonstrate the knowledge and skills required to pass this examination portion. Your ability to pass the examination depends on the knowledge and skill you display, not on the performance of other candidates.

Passing scores may vary slightly for each version of the examination to accommodate for variances in examination difficulty. To ensure fairness to all candidates, a process of statistical equating is used. Slight variations in difficulty level are addressed by adjusting the passing score up or down, depending on the overall difficulty level statistics for the group of scored questions that appear on a particular version of the examination.

QUALITY CONTROL/SCORING

Before the examination is administered, each form undergoes quality control checks. A thorough item analysis is completed and is used as part of the statistical review of the performance of the examination.

SCORES CANCELLED BY THE CLIENT OR PSI

CDR and PSI/AMP are responsible for the validity and integrity of the scores they report. On occasion, occurrences, such as computer malfunction or misconduct by a candidate, may cause a score to be suspect. CDR and PSI/AMP reserve the right to void or withhold examination results if, upon investigation, violation of its regulations is discovered.

IF YOU PASS THE EXAMINATION

All candidates who pass the examination will receive a wall certificate, specialist identification card and orientation materials about four weeks after they receive their score report.

RE-ESTABLISHING ELIGIBILITY

To take the examination again during a subsequent testing window, a new application will need to be submitted. Candidates are not allowed to retest during the same examination window.

FAILING TO ARRIVE FOR AN EXAMINATION

A candidate who fails to report for an examination forfeits the registration and all fees paid to take the examination. A new eligibility application and examination fee are required to reapply for examination.

DUPLICATE SCORE REPORT

Candidates may purchase additional copies of their results at a cost of \$25 per copy. Requests must be submitted to CDR, in writing. The request must include the candidate's name, registration number, mailing address, telephone number, date of examination and examination taken. Submit this information with the required fee payable to CDR in the form of a check, money order or cashier's check. Duplicate score reports will be mailed within approximately two weeks after receipt of the request and fee.

APPEALS PROCESS

n individual may appeal decisions regarding Commission policy/procedures (certification, eligibility, certification maintenance, and recertification) by filing a written appeal. Appeals must be sent to CDR within 30 calendar days after notification of an adverse decision and will be considered by the CDR Appeals Panel at its next scheduled meeting. A \$20.00 Appeals Review Fee will be required with every appeal submitted. Appeals submitted without the \$20.00 fee will not be heard by the CDR Appeals Panel. A comprehensive copy of the procedures can be found on the CDR website here.

Attn: Specialist Certification Commission on Dietetic Registration 120 S Riverside Plaza, Ste 2190 Chicago, IL 60606-6995

CERTIFICATION MAINTENANCE

At the end of the specialist five-year certification period, specialists who wish to recertify must be a current Registered Dietitian with CDR and:

- 1. Successfully complete an eligibility application including the required minimum number of specialty practice hours
- 2. Submit an examination fee
- 3. Pass the specialist examination

The reason for requiring recertification testing is that specialist board certification is a practice credential—a credential representing to the public that the certificant possesses the knowledge, skills and experience to function effectively as a specialist in that area. The nature of the knowledge and skills to practice at a specialist level is subject to change due to technological and scientific advances. Recertification testing helps to provide continuing assurance that the certified specialist has indeed maintained their knowledge in the specialty area. Current registration as an RD or RDN is required to maintain specialist certification. If an RD or RDN status lapses during the specialist certification period, the specialist certification will also lapse. Once the RD or RDN registration is re-established, the specialist

certification will also be reinstated provided the specialist certification period has not expired. If the specialist certification has expired, RDs or RDNs must reapply for specialist certification eligibility and pass the examination to be credentialed as a specialist						

Commission on Dietetic Registration Board Certified Specialist in Sports Dietetics Certification Examination Specifications

	Exam Content Outline	# Items
1	Exercise and Performance Nutrition	75
Α	Energy Metabolism	26
1	Analyze and interpret available data in the context of enhancing athletic performance and health.	
2	Design nutrition strategies for active individuals and populations applying the principles of energy metabolism.	
3	Explain how energy is stored in skeletal muscle and other tissues.	
4	Describe oxygen transport in exercise and training.	
5	·	
6	Evaluate factors that contribute to exercise-induced fatigue.	
7	Describe the effects of nutrition and exercise on health and performance.	
8	Explain the use of carbohydrates during exercise training, competition, and recovery.	
9	Explain the use of fat during exercise training, competition, and recovery.	
10	Explain the use of protein and amino acids during exercise training, competition, and recovery.	
11	Describe vitamin and mineral requirements for training and exercise.	
12	Describe the potential risks of excessive vitamin and mineral supplementation on health and performance.	
13	Describe antioxidant function in relation to exercise, recovery, and long-term training adaptations.	
14	Describe the efficacy of vitamin and mineral supplementation on health and performance.	
В	Fueling for Training and Competition	26
1	Design nutrition plans for individuals and groups incorporating exercise-specific recommendations for carbohydrates.	
2	Evaluate special issues related to carbohydrates.	
3	Advise clients regarding fat consumption within a nutrition plan.	
4	Evaluate special issues related to fat intake, fat storage, and health.	
5	Design nutrition plans for individuals and groups incorporating exercise-specific recommendations for protein.	
6	Evaluate special issues related to protein.	
7	Evaluate effects of inadequate vitamin and mineral status on health and performance.	
8	Design nutrition strategies for individuals and/or groups for pre-workout and pre- competition, during training and competition, and for recovery following training and competition.	
9	Observe athletes during training session for movement patterns, energy expenditure, training patterns, fatigue, fueling habits, and hydration habits.	
10	Evaluate products, foods, and meals in accordance with compliance and permissibility rules of governing body.	
С	Fluid and Electrolyte Balance	13
4	Assess fluid and alcotrolute belongs in training and northweeper	

1 Assess fluid and electrolyte balance in training and performance.

2 Evaluate the effects of dehydration, over-hydration, hypothermia, and hyperthermia on training and performance. 3 Discuss the risks of hyponatremia on training and performance. 4 Design strategies for maintaining hydration and electrolyte balance before, during, and after exercise. 5 Evaluate fluid intake for training, performance, and recovery. 6 Evaluate the effects of environmental conditions on hydration status. D **Sports Foods and Supplements** 10 1 Evaluate dietary supplement use. Evaluate supplements and ergogenic aids using evidence-based analyses (e.g., 2 effectiveness, quality control, safety, and legality). Advise clients regarding supplements and ergogenic aids using evidence-based analyses 3 (e.g., effectiveness, quality control, safety, and legality). Evaluate drug supplement, and nutrient interactions. 4 5 Demonstrate knowledge of rules and regulations of athletic governing bodies regarding banned drugs and restricted substances. 6 Evaluate beverages for efficacy and application during training, competition, and recovery. 7 Evaluate the effect of supplemental products on hydration status. 8 Evaluate carbohydrate supplement products for training, performance and recovery. 9 Evaluate protein supplement products for training, performance, and recovery. 2 **Clinical Sports Nutrition** 40 Α Energy Balance and Availability 12 Describe energy balance (energy intake and expenditure) in active individuals and special 1 populations. 2 Design weight maintenance strategies for exercise and training. 3 Evaluate the role of aerobic training and strength training in management of body weight. 4 Conduct nutrition assessments for active individuals and special populations. 5 Evaluate nutrition status for active individuals and special populations. 6 Conduct body composition assessments on active individuals and special populations. 7 Evaluate body composition values and goals. 8 Estimate total energy expenditure in active individuals and special populations. В Weight Management Design weight loss strategies for active individuals and populations. 1 2 Design weight loss strategies for specific sports. 3 Design nutrition strategies for modifying weight, lean mass, and strength. Evaluate the efficacy and safety of popular diets for weight management, health, and performance. С **Special Populations** 10 Design nutrition strategies for individuals and/or groups for recovery from sports injuries 1 or overtraining. Apply behavior modification coaching and counseling techniques. 2 3 Design nutrition strategies for active individuals with chronic disease risks. 4 Design nutrition strategies for active individuals exhibiting signs and symptoms of the female athlete triad (disordered eating, amenorrhea, bone mineral loss). Design nutrition strategies for active individuals who are vegetarians or vegans. 5 6 Design nutrition strategies for active individuals with acute or chronic illness and/or 7 Design nutrition strategies for active children, adolescents, and young adults.

- 8 Design nutrition strategies for active aging adults and the elderly.
- 9 Design nutrition strategies for active individuals with food allergies, sensitivities, or intolerances.

D Disordered Eating

10

- 1 Identify athletes with sub-clinical disordered eating, clinical eating disorders, and related high risk factors.
- 2 Describe impact of disordered eating and eating disorders on health, training, and performance.
- 3 Educate individuals, coaches, and teams on risk factors associated with disordered eating, eating disorders, and distorted body image.
- 4 Assess nutritional needs based on disordered patterns.
- 5 Develop individualized nutrition goals, meal plan, and menu patterns.
- 6 Apply behavior modification coaching strategies and counseling techniques.
- 7 Contribute to monitoring of disordered eating symptoms and make recommendations for return to sport.
- 8 Refer individuals to other professionals as needed.
- 9 Participate as a member of a multi-disciplinary treatment team.

3 Nutrition Operations and Management

10

A Food and Beverage Management

5

- 1 Design nutrition strategies for individuals and/or groups for grocery shopping and meal/snack preparation/selection.
- 2 Coordinate food production and distribution such as developing and managing training table menus and catering.
- 3 Coordinate nutrition for domestic and/or international travel for individuals and teams.
- 4 Prepare recovery foods and meals for individuals and teams.
- 5 Analyze training table menu items as it relates to an athlete's nutritional requirements.

B Nutrition Administration

5

- 1 Design nutrition assessment and education protocols as part of a multi-disciplinary team.
- 2 Educate athletes, professionals, and the public through social media outlets.
- 3 Design, track, and document measurable outcomes of nutrition services.
- 4 Contribute to facility design to facilitate and encourage nutrition behaviors.
- 5 Manage department budget for equipment, meals, supplements, and staff.

Effective July 2018

SAMPLE MULTIPLE CHOICE QUESTIONS

- 1. Popular reduced-carbohydrate diets offer the MOST potential benefit to exercisers who have
 - A. Type I Diabetes
 - B. elevated triglycerides
 - C. a low waist-hip ratio
 - D. a high VO_{2 max}
 - 1B, task 7
- 2. Which of the following is the reason athletes consume high-glycemic index foods immediately following an endurance exercise session?
 - A. increase the rate of muscle glycogen resynthesis
 - B. produce ATP In large quantities
 - C. increase carbohydrate deposition in type IV muscle fibers
 - D. prevent the athlete from becoming fatigued
 - 2A, task 1
- 3. Resting energy expenditure (REE) of an athlete
 - A. increases with age in an individual who is weight-stable
 - B. is used to determine VO_{2 max}
 - C. can be calculated using an individual's fat-free mass
 - 1B, task 1
- 4. A 153-lb (69-kg), 5'9", 17-year-old competitive rower is experiencing fatigue during training and is unable to complete her usual training sessions. Her hemoglobin level is 11 grams per deciliter and red blood cell count is 3.80 x 10⁶/UL. Her favorite foods are salads, veggie burgers, pancakes, and stir-fried vegetables. In addition to a obtaining a dietary analysis, which of the following laboratory tests should the sports dietitian obtain to evaluate total body iron stores?
 - A. Serum iron
 - B. Total iron-binding capacity
 - C. Hematocrit
 - D. Serum ferritin
 - 2D, task 2

Answers:

- 1. B
- 2. A
- 3. C
- 4. D

References for Board Certification as a Specialist in Sports Dietetics Examination

Sports Dietetics Practice

Burke LM and Deakin V (eds). Clinical Sports Nutrition, 5th ed. Australia: McGraw-Hill; 2015. ISBN: 978-1743073681

Maughan R. Sports Nutrition, the Encyclopedia of Sports Medicine an IOC Medical Commission Publication. Hoboken, NJ: John Wiley and Sons, Ltd; 2014. ISBN: 978-1118275764

Rosenbloom C. *Sports Nutrition: A Practice Manual for Professionals*. 6th ed. Chicago, IL: SCAN Dietetics Practice Group, Academy of Nutrition and Dietetics; 2017. ISBN: 978-0880919753

Sports Nutrition-Exercise Physiology

Dunford M and Doyle JA. Nutrition for Sport and Exercise, 3rd ed. Belmont, CA: Thomson Wadsworth; 2014. ISBN: 9781285752495

McArdle WD, Katch FI, and Katch VL. *Sports & Exercise Nutrition*, 4th ed. Baltimore, MD: Lippincott Williams & Wilkins, 2012. ISBN: 978-1451118063

Williams M. Nutrition for Health, Fitness and Sport. 11th ed. New York, NY: McGraw-Hill Education; 2016. ISBN: 978-0078021350

Exercise Physiology

McArdle WD, Katch FI, Katch VL. *Exercise Physiology: Nutrition, Energy, and Human Performance*. 8th ed. Hagerstown, MD: Lippincott, Williams and Wilkins; 2014. ISBN: 978-1451191554

Position Papers

De Souza MJ, et al. 2014 Female Athlete Triad Coalition Consensus Statement on Treatment and Return to Play of the Female Athlete Triad: 1st International Conference held in San Francisco, California, May 2012 and 2nd International Conference held in Indianapolis, Indiana, May 2013. Br J Sports Med 2014; 48:289. http://bjsm.bmj.com/content/bjsports/48/4/289.full.pdf

Mountjoy M, et al. The IOC consensus statement: beyond the Female Athlete Triad—Relative Energy Deficiency in Sport (RED-S). Br J Sports Med 2014; 48:491–497. http://bjsm.bmj.com/content/bjsports/48/7/491.full.pdf

Position of the Academy of Nutrition and Dietetics, Dietitians of Canada, and the American College of Sports Medicine: Nutrition and athletic performance. *J Acad Nutr Diet.* 2016; 116(3): 501-528.

http://www.eatrightpro.org/resource/practice/position-and-practice-papers/position-papers/nutrition-and-athletic-performance

Position of the American Dietetic Association: Nutrition Intervention in the Treatment of Eating Disorders. *J Am Diet Assoc.* 2011; 111(8): 1236-1241.

http://www.eatrightpro.org/~/media/eatrightpro%20files/practice/position%20and%20practice%20papers/position%20papers/position paper nutrition intervention.ashx

Sawka MN, Burke L, Eichner R, Maughan RJ, Montain SJ, Stachenfeld N. American College of Sports Medicine. Exercise and fluid replacement position stand. *Medicine and Science in Sports and Exercise*. 2007; 377-390.

http://journals.lww.com/acsm-msse/Fulltext/2007/02000/Exercise and Fluid Replacement.22.aspx



REQUEST FOR SPECIAL EXAMINATION ACCOMMODATIONS

CANDIDATE INFORMATION

If you have a disability covered by the Americans with Disabilities Act, please complete this form and the Documentation of Disability-Related Needs so your accommodations for testing can be processed efficiently. The information you provide and any documentation regarding your disability and your need for accommodation in testing will be treated with strict confidentiality. Please return this form to CDR within 45 days of the desired testing date.

CDR Registration Number Last Name Middle Initial Address City State/Province Zip Code/Postal Code and Country Daytime Phone Number Fax Number E-mail Address SPECIAL ACCOMODATIONS I request special accommodations for the examination. Please provide (check all that apply): _ Reader ___ Extended examination time (time and a half) Reduced distraction environment ____ Other special accommodations (please specify) Description of disability:__ Signed: Date: _____

Return this form to:

Commission
on Dietetic
Registration
the credentialing agency for the
eat* Academy of Nutrition
right. and Dietetics

DOCUMENTATION OF DISABILITY-RELATED NEEDS

Please have this section completed by an appropriate professional (education professional, physician, psychologist, psychiatrist) to ensure that AMP is able to provide the required examination accommodations.

PROFESSIONAL DOCUMENTATION					
I have knownas a	Examination Applicant Name	since	/ in my capacity		
Professional Tit	le				
	th me the nature of the examination bed below, he/she should be accomm				
Signed:					
Title:					
Date:	Lice	nse # (if applicable):			

Return this form to:
Attn: Specialist Certification
Commission on Dietetic Registration,
120 S Riverside Plaza, Ste 2190, Chicago, IL 60606-6995
specialists@eatright.org