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Each quiz is 12 questions in multiple-choice or true-false format. You must answer nine questions correctly (75%) to earn the .2 CEU credit. Results of the quiz will be emailed (or mailed by request) upon completion. Complete the quiz by circling the correct answers. Mail or fax the completed quiz with payment to RESNA Quizzes, 1700 N. Moore St, Suite 1540, Arlington, VA 22209. FAX: (703) 524-6630.

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Other quizzes from Assistive Technology Journal articles may be found on the RESNA website (www.RESNA.org). The primary program learning objective is to keep abreast of current findings and practices in assistive technology, research and rehabilitation engineering.

Was the content of the article relevant to current AT practice? ☐ Yes  ☐ No
Was reading the article and completing the quiz a good way for you to learn? ☐ Yes  ☐ No
1. The measurement of body sizes and physical abilities is called ___________________.
   A. anthropomorphy
   B. anthropometry
   C. anthropography

2. True/False In the past 25 years, changes have occurred in the US body size population, as well as in the characteristics of the equipment they use. However, the standards themselves have not changed.

3. True/False Since the standards define the variables clearly, researchers have not had to use different protocols to study the same variables.

4. Some study participants were excluded from the analysis of a particular variable due to their ________________.
   A. lack of interest in participation
   B. reluctance to discuss their experience in the study
   C. inability to perform a particular task

5. The UK researchers provided results in ________________ form, which proved to be very valuable for decision-making purposes.
   A. percentile
   B. quartile
   C. aggregate

6. True/False Data pooled across the entire study sample (i.e. all mobility devices combined) can skew comparisons across studies due to differences in the proportion of manual wheelchairs, power wheelchairs and scooters.

7. To develop standards for providing sufficient legroom, it may be more relevant to analyze knee and toe clearances and depths together in a ________________ form rather than as ________________ distributions.
   A. multivariate…univariate
   B. univariate…multivariate
   C. composite…variegated
8. The article states that more emphasis should be placed on ________________, such as with counter designs both in public places as well as in home environments.

   A. comfort  
   B. practicality  
   C. adjustability  
   D. aesthetics  

9. All the standards have requirements for "wheelchair turning spaces", but only ______________ and ______________ have requirements for 90 degree or L-Turn clearances.

   A. U.S. and UK  
   B. U.S. and Canada  
   C. Australia and UK  
   D. Canada and Australia  

10. The divergent UDI findings may be related to all of the following except:

    A. lack of an enclosure in the 360 degree turn  
    B. errors in correcting for parallax when measuring from video cameras mounted above  
    C. inability to obtain accurate measurements of body parts and devices in motion  
    D. lack of ability to obtain constant and stationary readings consistently for a 180 degree turn  

11. True/False The main problem in comparing findings is not the lack of information about the extreme cases, but rather obtaining consistent, accurate measurements.  

12. True/False It has been noted that standards at the international level are diverging principally due to a lack of communication between researchers and standards developers at the international level.