Certified Professionals may earn .2 CEUs by completing quizzes based on selected articles in each issue of the Assistive Technology journal.

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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QUIZ 26.1b

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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. How many phases did this particular study comprise?
   A. one
   B. three
   C. four
   D. two

2. Which response was mentioned directly in the article and is considered the primary reason for excessively high rate of abandonment regarding assistive technology (AT)?
   A. the price of many of these AT devices is cost prohibitive, preventing the use of many effective devices
   B. an appropriate match between the user and AT was not established before purchase
   C. lack of adequate demonstration of use and insufficient practice time with these devices results in discontinued use and eventual abandonment
   D. technological factors of these AT devices precluded proper and effective use

3. The study took place at schools containing which grade levels?
   A. primary and secondary level education
   B. secondary and university level education
   C. primary, secondary, and university level education
   D. all levels of education, including post-graduate levels

4. Approximately what proportion of the participants used wheelchairs?
   A. less than 10%
   B. a majority
   C. more than half
   D. a little less that ¼ of all participants

5. How was the questionnaire structured? What was the format of the questionnaire?
   A. participants were first asked to provide demographic information about themselves, and then they were asked to rate their agreement or disagreement using a 7-point Likert scale
   B. participants were first asked to rate their agreement or disagreement using a 7-point Likert scale, and then they were asked to provide demographic information about themselves
   C. participants were first asked to provide biographical information about themselves, and then they were asked to rate their preferences (in order) of various AT devices
   D. participants were first asked to assess various AT devices using a plethora of characteristics as evaluative criteria, and then they were asked to provide key biographical and demographic information

6. How many items and factors were finally selected to evaluate the quality of AT practices?
7. When conducting research using factor analysis, what type of clear distinctions are necessary?
   A. distinctions between factors and items
   B. distinctions between items and responses
   C. distinctions between factors and concepts
   D. distinctions between concepts and interpretations

8. Which factor proved to be consistent with previous studies and the primary goal of AT practices?
   A. factor three…utility
   B. factor one…effectiveness
   C. factor six…longevity
   D. factor eight…compatibility

9. Which two factors most closely reflect the cost and benefit of using a particular AT device?
   A. effectiveness/utility
   B. utility/dependability
   C. dependability/effectiveness
   D. affordability/dependability

10. As mentioned in the article, what is one primary purpose of AT devices and services?
    A. to foster individual confidence
    B. to display proficiency in the use of the device
    C. to promote personal independence
    D. to facilitate ambulation and mobility

11. What type of approach in AT practices does the factor of discomfort emphasize?
    A. environment-centered
    B. student-centered
    C. skill-centered
    D. AT practitioner-centered

12. What are perceived as major considerations in AT selection?
    A. functionality/practicality
    B. design/services
    C. appeal/adaptability
    D. versatility/longevity