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.

- RESNA members: $32
- Nonmembers: $45

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EMAIL (required or check here to receive results by mail ☐)

**QUIZ 26.4d PAYMENT INFO:**

- VISA ☐
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- CHECK payable to RESNA ☐

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BILLING ADDRESS OF CARD IF DIFFERENT

*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. As used in the article, what does the term ETA refer to?
   A. Eclectic Transformational Apparatus
   B. Electronic Travel Aid
   C. Educational Transport Assist
   D. Evolutionary Transport Aid

2. Approximately what proportion of visually impaired individuals are blind?
   A. 1/3
   B. 1/6
   C. ¼
   D. ½

3. What is considered the main focus of this study?
   A. comprehension
   B. navigation
   C. orientation
   D. mobility

4. What is the primary criticism of many of the aids mentioned in the article?
   A. most of the devices are only able to provide information about the shape or form of an object
   B. most devices are not sensitive enough to detect some objects
   C. most devices are only able to give information about the presence of an obstacle
   D. most of the devices require excessive tactile and auditory feedback to convey information about obstacles

5. What component offers the features of low cost, light weight, and low power requirements?
   A. MB1200 sensor
   B. Pico Vibe 307 vibrator
   C. Duralast 1000 battery
   D. MX5000 calibrator

6. Why was a detection device with a shorter scanning range used?
   A. to enable greater movement in open spaces
   B. to allow more ambient echoes in tighter spaces
   C. to provide ample echoes from walls and ceilings
   D. to maximize the device’s usefulness in object detection
7. Where on the cane was the sensing device located?
   A. at the base of the cane for maximum sensitivity
   B. midway up the shaft of the cane
   C. at the handle of the cane
   D. just above the base plate at the lower end of the shaft

8. What type of analysis was used to examine the time taken on the course?
   A. Simple Observation Technique (SOT)
   B. One-way Analysis of Variance (ANOVA)
   C. In-line Analysis of Variability (IINOVA)
   D. Down and Back Analysis Method (DBAM)

9. At what level was a result of a mobility course trial considered statistically significant?
   A. p > 0.05
   B. p < 0.5
   C. p > 0.005
   D. p < 0.05

10. How many obstacles on the obstacle course were tall enough to be sensed by the electronic device?
    A. 4 out of 5
    B. 1 out of 5
    C. 3 out of 5
    D. 2 out of 5

11. Approximately how many participants covered less ground with the cane when the electronic device was attached?
    A. about ¼
    B. about 2/3
    C. about ½
    D. about ¾

12. What are two common measures of mobility? (select two)
    A. precision
    B. speed
    C. obstacle contact
    D. accuracy
    E. maneuverability