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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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QUIZ 26.4b PAYMENT INFO:

VISA MC CHECK payable to RESNA

CREDIT CARD NUMBER	EXP DATE	THREE-DIGIT SECURITY CODE
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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

26.4b Quiz – Evaluating the Image Quality of Closed Circuit Television Magnification Systems Versus a Head-Mounted Display for People with Low Vision

1. What type of increased risk do people with vision impairment face?
 - A. diabetes
 - B. nervousness
 - C. hypothyroidism
 - D. depression
2. What lies behind the lens of the CCTV camera, and what is it equivalent to?
 - A. image sensor...retina
 - B. refraction screen...enlarger
 - C. image enhnancer...iris
 - D. viewing monitor...pupil
3. What was the range of magnification on the magnification device in the CCTV system?
 - A. 4 to 50 times
 - B. 3 to 60 times
 - C. 2 to 100 times
 - D. 5 to 20 times
4. Which of the following is a common cause of poor image quality? (select two)
 - A. light refraction issues
 - B. light sensitivity issues
 - C. contrast sensitivity issues
 - D. light reflection issues
5. What is used to effectively test and evaluate the video signals from the HMD and CCTV display device?
 - A. spatial frequency processing unit
 - B. digitized frequency synthesizer unit
 - C. digital signal processing unit
 - D. digital transmission signal device
6. What is considered the main limitation of this particular system?
 - A. it is difficult to focus the camera effectively
 - B. the image does not appear in sync with the screen
 - C. if the camera remained focused on the same object for too long, the image plate of the camera would be blurred
 - D. the camera cannot focus on more than one object at a time

7. What must occur if the reading rate is to increase?
- A. image retention must be maintained
 - B. image retention must be avoided as much as possible
 - C. the image refresh rate must be very similar to the reading rate
 - D. image enhancement must take place
8. Which type of design do most individuals with low vision prefer?
- A. a white-on-black screen design
 - B. a black-on-white screen design
 - C. a black and white blended screen design
 - D. a white and black reconfigured design
9. What is one major defect in a white-on-black design?
- A. deflection
 - B. convection
 - C. refraction
 - D. reflection
10. Why was the head-mounted display with CCTV used? (select two)
- A. to obtain a higher modulation transfer function from the video camera
 - B. to obtain better depth of field
 - C. to obtain greater clarity of the inverted image
 - D. to obtain truly customized image quality for a person who is legally blind
11. According to the World Health Organization (WHO), what proportion of those who are visually disabled are blind?
- A. about $\frac{1}{4}$
 - B. about $\frac{1}{3}$
 - C. about $\frac{1}{5}$
 - D. about $\frac{1}{2}$
12. Which term refers to any apparatus that is either non-electronically based or is a simple battery-operated item?
- A. functional technology
 - B. non-sophisticated technology
 - C. low technology
 - D. high technology