

Continuing Education Questions

SPRING 2006

To receive 1.5 contact hours of basic level P.A.C.E.[®] credit for the **Focus: Educational Technology** questions, insert your answers in the appropriate spots on the immediately following page; then complete and mail the form as directed.

NOTE: There may be more answer spaces on the sheet than needed. If so, please leave them blank. Make sure the number of the answer space being filled matches the number of the question being answered.

LEARNING OBJECTIVES

After reading the three **Focus: Educational Technology** articles in this issue, the reader will be able to:

1. List several possible solutions proposed to address the healthcare shortage.
2. Describe the purpose of offering Medicine 100: Introduction to the Health Professions to high school students.
3. List two software applications used in the development of Medicine 100: Introduction to the Health Professions.
4. Describe the marketing strategy for Medicine 100: Introduction to the Health Professions.
5. Discuss the impact of traveling to campus for weekend laboratory sessions on WEBCLS students.
6. Identify three reasons that on-campus experiences were preferred over on-site mentoring of WEBCLS students at their workplace.
7. Identify five areas essential to the preparation and delivery of a weekend laboratory experience.
8. Compare the performance of WEBCLS students on examinations to that of traditional on-campus students.
9. Define instruction and instructional interactivity as they apply to online education.
10. Describe the four characteristics of online interactivity.
11. Compare and contrast the four characteristics of online instructional interactivity to existing online interactive courseware. Propose interactive devices that could be used in a CLS/CLT online course that integrate the four characteristics.

CONTINUING EDUCATION QUESTIONS

1. The Medicine 100: Introduction to the Health Professions course was designed for:
 - a. high school juniors.
 - b. high school seniors.
 - c. college freshmen.
 - d. all of the above.
2. A software application used in the design and delivery of the Medicine 100 course is:
 - a. Macromedia Breeze™.
 - b. Macromedia FlashMX™.
 - c. Serious Magic Visual Communicator Professional.™
 - d. all of the above.
3. The Medicine 100 course was marketed by:
 - a. partnerships with stakeholders.
 - b. advertisements in local newspapers.
 - c. television advertisement.
 - e. all of the above.
4. The Medicine 100 course was offered for:
 - a. high school credit.
 - b. college credit.
 - c. continuing education.
 - d. "a" and "b" of the above.
5. The impact of traveling to campus for weekend labs was minimized for WEBCLS students by:
 - a. covering student travel costs.
 - b. minimizing time on-campus.
 - c. providing transportation to campus.
 - d. providing meals during labs.
6. One reason that on-campus laboratory experiences were preferred over work-site mentoring for WEBCLS students is that:
 - a. faculty do not have patient care responsibilities.
 - b. on-site mentors did not want to have students.
 - c. students preferred to travel to campus.
 - d. student laboratories are better equipped than clinical sites.

FOCUS: EDUCATIONAL TECHNOLOGY

7. All of the following are essential to the preparation and delivery of on-campus weekend student laboratories EXCEPT:
 - a. having students provide their own specimens.
 - b. having all materials needed available in abundance.
 - c. planning time for each procedure.
 - d. providing students with as much information as possible prior to the laboratory session.
8. WEBCLS weekend laboratories provide:
 - a. an excellent opportunity to justify funding a teaching assistant.
 - b. a learning experience suited to all learning styles.
 - c. an inexpensive alternative to traditional programs.
 - d. face-to-face discussions with the faculty.
9. WEBCLS weekend laboratories characteristically:
 - a. assume that students are adept at all basic techniques.
 - b. avoid use of virtual laboratory classes.
 - c. focus on theoretical knowledge to the exclusion of technical knowledge.
 - d. provide experiences that are equal to the on-site program.
10. What percentage of WEBCLS students earned grades of A or B in laboratory classes from 2003 to 2005?
 - a. 64%
 - b. 66%
 - c. 79%
 - d. 82%
11. WEBCLS students' averages on national certification examinations compared to those of traditional students were:
 - a. equivalent.
 - b. higher.
 - c. lower.
 - d. no comparison was done.
12. In performing advanced techniques in weekend labs, instructors must be prepared to compensate for:
 - a. differences in learning styles.
 - b. student lack of familiarity with the location of basic lab supplies.
 - c. students from rural settings having little exposure to advanced laboratory techniques.
 - d. uniform student experiences in basic laboratory techniques.
13. When a teacher posts a question on a discussion board and an online student answers the question as a thread in the discussion board:
 - a. mutual coherence has occurred.
 - b. a message loop has occurred from the teacher's perspective.
 - c. the student has experienced affective benefits.
 - d. effective instructional online interactivity has occurred.
14. When two online students meet in the discussion board during a collaborative project and realize that they grew up in the same community and have mutual memories and acquaintances, this is an example of:
 - a. mutual coherence.
 - b. content learning output.
 - c. message loop from the students' perspective.
 - d. affective benefits output.
15. To meet the "Content Learning" output of instructional online interactivity, questions posted in an online discussion board must:
 - a. be mutually coherent with the students' cognitive level.
 - b. be written at the same cognitive level as the course objectives.
 - c. promote amplified affective benefits for each online student.
 - d. be easy so each student can answer the question with minimal effort.

Continuing Education Registration Form

To earn continuing education (PACE) credit, (1) complete the form below, (2) record your answers, and (3) mail a photocopy with a check or money order (\$18 for ASCLS members, \$28 for non-members) to:

American Society for Clinical Laboratory Science
P.O. Box 79154, Baltimore MD 21279-0154

A certificate and credit will be awarded to participants who achieve a passing grade of 70% or better. Participants should allow eight weeks for notification of scores and receipt of certificates.

Focus: Educational Technology carries 1.5 hours of basic level P.A.C.E.[®] credit. This form can be submitted for credit for up to one year from the date of issue.

Print or type carefully.

(01) NAME _____
 _____ first _____ Middle

ASCLS membership number _____ Licensure number _____

(02) ADDRESS _____

(03) CITY _____ (04) STATE/COUNTRY _____ (05) ZIP/POSTAL CODE _____

(06) DAYTIME PHONE (_____) _____ (07) E-MAIL: _____

(08) CREDIT CARD # _____ TYPE (CIRCLE) AE MC VIS EXP. DATE _____

Check all that apply

- I am an ASCLS member
- I am not an ASCLS member
- I would like to receive ASCLS membership information
- I have previously participated in Focus
- I would like information on other continuing education sources

Answers

Circle correct answer (questions are on previous two pages).

- | | | | |
|--------------|---------------|---------------|---------------|
| 1. a b c d e | 9. a b c d e | 17. a b c d e | 25. a b c d e |
| 2. a b c d e | 10. a b c d e | 18. a b c d e | 26. a b c d e |
| 3. a b c d e | 11. a b c d e | 19. a b c d e | 27. a b c d e |
| 4. a b c d e | 12. a b c d e | 20. a b c d e | 28. a b c d e |
| 5. a b c d e | 13. a b c d e | 21. a b c d e | 29. a b c d e |
| 6. a b c d e | 14. a b c d e | 22. a b c d e | 30. a b c d e |
| 7. a b c d e | 15. a b c d e | 23. a b c d e | 31. a b c d e |
| 8. a b c d e | 16. a b c d e | 24. a b c d e | 32. a b c d e |

Participant Information

Please circle the most appropriate answers.

1. Is this program used to meet your CE requirements for:
(a) state license (b) NCA (c) employment (d) other

2. Specialty: (a) biochemistry/urinalysis (b) microbiology
(c) lab administration (d) hematology/hemostasis (e) education
(f) immunology (g) immunohematology

3. Workplace: (a) hospital over 500 beds (b) hospital 200–499
beds (c) hospital 100–199 beds (d) hospital under 100 beds
(e) private lab (f) community blood bank (g) group practice
(h) private physician (i) clinic (j) other

4. Salary range: (a) under \$10,000 (b) \$10,000 to \$20,000
(c) \$20,000 to \$30,000 (d) \$30,000 to \$40,000
(e) over \$40,000

5. Did these articles achieve their stated objectives?
(a) yes (b) no

6. How much of these articles can you apply in practice?
(a) all (b) some (c) very little (d) none

7. Employment status: (a) full time (b) part time (c) student
(d) not employed (e) retired

8. How long did it take you to complete both the reading
and the quiz? _____ minutes

9. What subjects would you like to see addressed in future
Focus articles?

ASCLS 74th Annual Meeting, July 25-29, 2006
AACC/ASCLS Clinical Lab Expo, July 25-27, 2006
Chicago, Illinois



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New this year --

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Electronic Handouts - print session handouts from the ASCLS annual meeting webpage or receive a CD at onsite registration desk; no handouts provided onsite

Tuesday Workshop - Earth, Wind, Fire, Flu...What's a Lab Got to Do? - hands on workshop to prepare laboratorians for different disaster scenarios

Visit www.ascls.org/conferences/2006AM/
for details and online registration.