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/test-bank-introduction-to-interdisciplinary-studies-2e-repko

CHAPTER 1
Level 1: Remembering or recalling factual information

1. Which of the following is "Driving Interdisciplinary Studies Today?"

a. The disappearance of the disciplines.
b. The growing demand for traditional majors.
c. The complexity of nature, society, and ourselves.
Ans: C
Learning Objective: LO 2
Answer Location: Interdisciplinary Studies in the Real World
Question Type: MC
Difficulty Level: Easy

2. A problem is complex when …"

a. Its multiple parts demand study by different disciplines.
b. The answer cannot be found on Google.
c. The problem has more than one answer.
Ans: A
Learning Objective: LO 4
Answer Location: Interdisciplinary Studies in the Real World
Question Type: MC
Difficulty Level: Easy

3. The complexity of the globalized workplace means that
a. There is a need to communicate effectively
b. There is a need to be sensitive to diverse cultures
c. Both of the above
Ans: C
Learning Objective: LO 4
Answer Location: The Complexity of the Globalized Workplace
Question Type: MC
Difficulty Level: Easy

4. The ability to view a subject from a broad perspective by placing it in the fabric of time, culture, or personal experience is called
a. Contextual thinking.
b. Humanities thinking.
c. Creative thinking.
Ans: A
Learning Objective: LO 4
Answer Location: The Need for Systems

Thinking and Contextual Thinking
Question Type: MC
Difficulty Level: Easy

5. Systems Thinking is
a. The ability to examine a problem from a scientific perspective that uses the scientific method to explore the system.
b. The ability to examine a problem from a siloed perspective so that only one discipline is used to examine the component parts.
c. The ability to break a problem down into parts that reveal internal and external factors, figure out how each of these parts relates to the others and to the problem as a whole, and identify which parts different disciplines address.
Ans: C
Learning Objective: LO 4
Answer Location: The Need for Systems
Thinking and Contextual Thinking
Question Type: MC
Difficulty Level: Easy

6. An example of a complex system in the U.S. is
a. Photosynthesis
b. The chemical formula for Oxygen
c. The U.S. Economy
Ans: C
Learning Objective: LO 4
Answer Location: The Need for Systems
Thinking and Contextual Thinking
Question Type: MC
Difficulty Level: Easy

7. Interdisciplinarity has been affected by the changing nature of university research because
a. It is at the interfaces of several disciplines that innovation is made
b. Interdisciplinary faculty can teach all classes
c. The most important research is carried out in disciplinary silos
Ans: A
Learning Objective: LO 2
Answer Location: The Changing Nature of University Research
Question Type: MC
Difficulty Level: Easy

8. Those ideas that have the capacity to transform how we learn, think, and produce new knowledge are called
a. Revolutionary insights.
b. Creative intelligence.
c. Generative technologies.
Ans: A
Learning Objective: LO 5
Answer Location: A Knowledge Society Needs
Both Disciplinarity and Interdisciplinarity
Question Type: MC
Difficulty Level: Easy

9. A knowledge society needs both disciplinarity and interdisciplinarity.
a. True
b. False
Ans: T
Learning Objective: LO 5
Answer Location: A Knowledge Society Needs
Both Disciplinarity and Interdisciplinarity
Question Type: TF
Difficulty Level: Easy

10. A society in which the development and creative application of knowledge is the primary engine of economic growth, prosperity, and empowerment of all developing sectors of society is called
a. A modern society.
b. A productive society.
c. A knowledge society.
Ans: C
Learning Objective: LO 5
Answer Location: A Knowledge Society Needs
Both Disciplinarity and Interdisciplinarity
Question Type: MC
Difficulty Level: Easy

Level 2: Understanding key concepts and theories

11. A subject or problem is considered complex when
a. Scientists cannot solve it.
b. It concerns the world of nature but not the world of humans.
c. Its multiple parts require study by different disciplines.

Ans: C
Learning Objective: LO 5
Answer Location: The Complexity of Nature, Society, and Ourselves
Question Type: MC
Difficulty Level: Easy

12. Educators have developed a wide range of interdisciplinary courses and "studies" programs believing that
a. Interdisciplinarity is basic to education and research.
b. Interdisciplinary learning should replace disciplinary learning.
c. There is no essential difference between disciplinary learning and interdisciplinary learning.
Ans: A
Learning Objective: LO 6
Answer Location: Explain the academic benefits of pursuing an interdisciplinary studies degree
Question Type: MC
Difficulty Level: Easy

13. The creation of the new iPhone is an example of an interdisciplinary project because
a. It is highly creative and innovative but the insights came from the sciences
b. It demanded disciplinary insights that affected software design, engineering, ergonomics, production, marketing, pricing and packaging
c. It was sold all over the world, so an interdisciplinary approach was essential
Ans: B
Learning Objective: LO 1
Answer Location: Explain the academic benefits of pursuing an interdisciplinary studies degree
Question Type: MC
Difficulty Level: Easy

14. Interdisciplinary fields include university courses such as
a. Geography, History, and Music
b. Asian Studies, Women's Studies, and Black World Studies
c. Physics, Chemistry, and Biology
Ans: B
Learning Objective: LO 6
Answer Location: The Public World and Its Pressing Needs
Question Type: MC
Difficulty Level: Easy

Level 3: Applying concepts to specific situations that are hypothetical or real world

15. A study to consider the building of a new parking lot on an old landfill would be complex enough for interdisciplinary investigation because
a. It would demand insights from different disciplines as well as input from stakeholders.
b. It would demand insights from the owners of the landfill and the company wishing to build the parking lot only.
c. This is not a complex problem.
Ans: A
Learning Objective: LO 1, 6, 7
Answer Location: Explain the relevance of interdisciplinary studies to your career development
Question Type: MC
Difficulty Level: Easy

16. "Should we genetically modify plants and animals?" is a complex problem suitable for interdisciplinary investigation because
a. It demands insights from different disciplines including Biology and Philosophy among others
b. It demands insights from biologists only
c. This is not a complex problem.
Ans: A
Learning Objective: LO 1, 6, 7
Answer Location: Explain the relevance of interdisciplinary studies to your career development
Question Type: MC
Difficulty Level: Easy

Level 4: Analyzing

17. The *overall* purpose of Chapter 1 is
a. To explain why interdisciplinary studies is now considered basic to education, problem solving, professional practice, and innovation.
b. To explain the necessity of interdisciplinary study for solving environmental problems.
c. To explain why interdisciplinary studies is relevant to only certain types of careers.
Ans: A
Learning Objective: LO 1
Answer Location: Demonstrate an understanding of why interdisciplinary studies is considered basic to education, problem solving, professional practice, and innovation

Question Type: MC
Difficulty Level: Easy

18. The point of the discussion in "Interdisciplinary Studies and your Career Development" is that
a. Communication is the most important skill sought by employers
b. Interdisciplinary education aids employability
c. Problem solving is the most important skill sought by employers
Ans: B
Learning Objective: LO 7
Answer Location: The Academic Benefits of Pursuing an Interdisciplinary Studies Degree
Question Type: MC
Difficulty Level: Easy

19. The textbook argues that interdisciplinary knowledge
a. Is more important than breadth of knowledge
b. Is no less important than specialized knowledge
c. Is not as effective as a PhD
Ans: B
Learning Objective: LO 7
Answer Location: The Academic Benefits of Pursuing an Interdisciplinary Studies Degree
Question Type: MC
Difficulty Level: Easy

20. Overall, interdisciplinary studies is basic to education, problem solving, professional practice, and innovation because
a. Problem solving is the most important skill necessary for the 21st century
b. The ability to solve problems in an innovative way, both in the private and public realms, is increasingly important
c. Disciplinary knowledge is the only skill sought by employers
Ans: B
Learning Objective: LO 1
Answer Location: Ch 1
Question Type: MC
Difficulty Level: Easy