Washington State Agricultural Education CDE

2022 Written Test

1. The purpose of agricultural education is to:
   1. Develop agricultural literacy to prepare agriculturally literate consumers and citizens
   2. Prepare students to enter the agricultural industry
   3. A or B
   4. Both A & B
2. This act provided funds to establish land-grant colleges in each state to teach practical arts including agricultural and mechanical arts:
   1. Morill Act of 1862
   2. Smith Hughes Act of 1917
   3. Smith-Lever Act of 1914
   4. Vocational Education Act of 1963
3. SAE stands for:
   1. Seeing and Experiencing
   2. Suitable Agriculture Expectations
   3. Super Agriculture Exploration
   4. Supervised Agriculture Experience
4. The name for the National AFNR Content Standards pathway dealing with agricultural mechanics is:
   1. Agricultural Mechanic Systems
   2. Agricultural Power and Technology
   3. Mechanical and Technical Systems
   4. Power, Structure, and Technical Systems
5. Adult membership is open to anyone who is interested in supporting and promoting agriculture, agricultural education and the FFA at the local, state and national level through a/an\_\_\_\_\_\_\_\_\_\_\_\_:
   1. Advisory Board
   2. Agriculture Boosters Organization
   3. FFA Alumni & Supporters Chapter
   4. Supports of Agriculture Education Chapter
6. Which of the following is **NOT** the focus of Career and Technical Education?
   1. Developing skills for the workplace
   2. Increasing the physical education of a student
   3. Integrating core academics
   4. Introducing technical careers requiring post-secondary education
7. A complete learning objective should,
   1. Provide a roadmap for achieving the objective
   2. Provide specific directions
   3. State the learning activities, the teaching method, and the assessment method
   4. State the performance to be completed, the circumstances under which the performance is to completed, and the standard or level to which the performance should be completed
8. Which of the following is **NOT** part of the experiential learning cycle?
   1. Abstract Conceptualization
   2. Concrete Experience
   3. Procedural Explanation
   4. Reflective Observation
9. The correct order of the four strokes of an engine is:
   1. Intake, compression, power, exhaust
   2. Intake, combustion, compression, exhaust
   3. Open, combustion, spark, close
   4. Open, spark, pressurize, close
10. An effective interest approach begins a lesson by:
    1. Assesses the knowledge of students prior to the lesson
    2. Develops a student’s desire to learn the material
    3. Outlining the activities for the day
    4. Telling students what they have to do
11. Who is the current Superintendent of Public Instruction in the state of Washington?
    1. Becky Wallace
    2. Chris Reykdal
    3. Dennis Wallace
    4. Michaela Miller
12. Which of the following is NOT a component of a foundational SAE under the SAE for All model?
    1. Career Exploration and Planning
    2. Ownership/Entrepreneurship
    3. Personal Financial Management & Planning
    4. Workplace Safety
13. The measurement of student learning at the end of a learning segment is considered \_\_\_\_\_\_\_\_\_\_\_:
    1. Formative Assessment
    2. Final Assessment
    3. Lesson Assessment
    4. Summative Assessment
14. Which teaching method uses an actual of hypothetical scenario that requires one or more decisions or actions?
    1. Brainstorming
    2. Case Study
    3. Demonstration
    4. Experiment
15. Who is the Washington FFA Executive Director?
    1. Becky Wallace
    2. Dany Cavadini
    3. Denny Wallace
    4. Jason Bullock
16. On a welding rod, the E stands for:
    1. Electric
    2. Electrode
    3. Energized current
    4. Energy
17. \_\_\_\_\_\_\_\_\_\_\_\_\_ occurs when students are learning together and working together in groups or teams:
    1. Collaborative learning
    2. Facilitated learning
    3. Student teaching
    4. Team teaching
18. From the list of energy sources below, which energy source is nonrenewable?
    1. Biofuels
    2. Hydroelectric
    3. Natural gas
    4. Wind
19. \_\_\_\_\_\_\_\_\_ is maintaining a learning environment that allows freedom and active inquiry in learning while maintaining task-oriented behavior:
    1. Classroom management
    2. Inquiry instruction
    3. Task-oriented instruction
    4. Student management
20. Calculate the total cost of the picnic table using the bill of materials below:
    1. $121.89
    2. $241.22
    3. $247.80
    4. $286.70

Table

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1. An active learning strategy in which students pose questions, conduct investigations, and seek answers under the guidance and supervision of the teacher is called:
   1. Direct Instruction
   2. Independent Instruction
   3. Inquiry Learning
   4. Mastery Learning
2. A system that creates, manages, analyzes, and maps agricultural data is called:
   1. Geographic Information System (GIS)
   2. Global Positioning System (GPS)
   3. Telematics
   4. Web Soil Survey (WSS)
3. Which document provides accommodations, aids and services for students with disabilities?
   1. 504 Plan
   2. Individualized Education Program (IEP)
   3. Students with Disabilities Plan (SDP)
   4. Special Personalized Education Plan (SPED)
4. Which learning philosophy is built on the premises that students construct knowledge from personal experiences, rather than passively absorbing information presented by teachers and others?
   1. Cognitive Development
   2. Constructivism
   3. Information Processing
   4. Social Emotional Learning
5. This is the first degree a member who participates in FFA activities in 7th and 8th grade can earn:
   1. American Degree
   2. Discovery Degree
   3. Greenhand Degree
   4. State Degree

Answer Key:

1. D
2. A
3. D
4. D
5. C
6. B
7. D
8. C
9. A
10. B
11. B
12. B
13. D
14. B
15. B
16. B
17. A
18. C
19. C
20. C
21. C
22. A
23. A
24. B
25. B