

2017 STATE MILK QUALITY EXAM

1. The actual cost of producing dairy products that is used in the Class III and IV pricing formula is called the _____.
- A milk-feed price ratio
 - B cooperative bonus premium
 - C Federal Order price
 - D make allowance
2. To properly sanitize milk lines and equipment, water must be circulated in place (CIP) at a minimum temperature of _____ for least 5 minutes.
- A 77 degrees C (170 degrees F)
 - B 55 degrees C (140 degrees F)
 - C 87 degrees C (190 degrees F)
 - D 65 degrees C (160 degrees F)
3. Mozzarella makes up nearly _____ percent of the total cheese production in the U.S.
- A 28
 - B 34
 - C 43
 - D 22
4. The highest price for milk is paid in the _____ region of the United States
- A northeast
 - B southwest
 - C southeast
 - D northwest
5. The titratable acidity of milk that has been cooled properly usually ranges from _____ percent.
- A .013 to 0.17
 - B 1.3 to 1.7
 - C .26 to .30
 - D .13 to .17
6. The standard plate count for different producers' milk that is comingled together can be as high as _____?
- A 400,000/ml.
 - B 200,000/ml.
 - C 750,000/ml.
 - D 300,000/ml.
7. The cheese price series is based on United States cheese plants that make 80-85 percent of the bulk cheddar. This series is called _____ survey.
- A NASS Cheddar Cheese Price
 - B U.S. Cheddar Cheese Price
 - C NASS Swiss Cheese Price
 - D NASS Cheese Price
8. Demand for dairy products is typically the lowest in the _____.
- A fall
 - B spring
 - C summer
 - D winter
9. The _____ is a voluntary program to help score your farm's animal welfare practices against the industry recommendations. It is operating as a partnership of the National Milk Producers Federation and Dairy Management, Inc.
- A Agriculture Animal and Plant Health Inspection Service (APHIS)
 - B National Dairy Check Off program
 - C Animal Welfare Act (AWA)
 - D National F.A. R. M. program (Farmers Assuring Responsible Management)
10. _____ is not normally in the top 3 states in milk production per cow per year.
- A Arizona
 - B Indiana
 - C Colorado
 - D Washington
11. The top five states in the production of cheese accounted for almost _____ percent of the total U.S. cheese production.
- A 70
 - B 80
 - C 60
 - D 50
12. The Agricultural Act of 2014 (farm bill) provides a risk management tool for U.S. dairy producers. This tool recognizes large swings in feed costs and milk prices and is referred to _____.
- A Milk Income Loss Contract
 - B Price Support Program
 - C Dairy Export Incentive Program
 - D Milk Income-Over-Feed Cost
13. The worlds leading dairy exporter is _____.
- A United States
 - B New Zealand
 - C European Union (EU)
 - D China
14. A cow's stomach has four compartments. The _____ stomach compartment has the primary function of absorbing water and other substances from the digested contents?
- A reticulum
 - B abomasum
 - C omasum
 - D rumen
15. Suspension of a milk producer's Grade A permit can result after _____ previous bacterial counts exceed the standard.
- A 3 of 5
 - B 4 of 6
 - C 2 of 4
 - D 5 of 7

16. Potassium can significantly reduce the absorption of _____ found in dairy rations.
 A phosphorus
 B calcium
 C copper
 D magnesium
17. Total cheese production in the U.S. reached almost _____ pounds in 2015.
 A 12 billion
 B 15 billion
 C 20 billion
 D 20 million
18. The constant freezing point of milk is generally considered to be a negative _____.
 A 0.500 degrees C
 B 0.508 degrees C
 C 0.517 degrees C
 D 0.502 degrees C
19. USDA test milk in their laboratories for Federal Milk Market Orders to _____.
 A provide data for the US Statistical Reporting Service
 B provide accurate accounting of milk solids sold
 C assure safety of the supply
 D make sure food and drug laws are followed
20. To identify specific bacteria in a Standard Plate Count, a Preliminary Incubation Count is performed in which the sample is incubated for _____.
 A 48 hours for 32 degrees C
 B 18 hours for 55 degrees C
 C 32 hours for 48 degrees F
 D 18 hours for 55 degrees F
21. The “set aside” of \$0.15 per hundred pounds of milk from a milk producer’s check is used for programs that support _____.
 A promotion and research
 B research and testing
 C promotion and testing
 D teaching and research
22. When a producer’s three-month somatic cell count (SCC) rolling mean exceeds 400,000, a _____ request must be submitted to AMS in an effort to keep the milk eligible for export to the EU.
 A premium denial
 B degradation
 C derogation
 D re-inspection
23. When a producer’s milk tests positive for a Beta Lactam drug, the authorities do not _____.
 A immediately suspend the producers Grade A milk permit
 B enforce a penalty for the value of all the milk on the contaminated load, plus expenses
 C investigate to determine the cause
 D forego permit suspension provided the milk is not sold as Grade A milk
24. The actual milk check received by dairy farmers is called the _____.
 A milk-feed ratio price
 B mailbox price
 C Federal Order price
 D cooperative bonus premium price
25. Milk that has been ultra-pasteurized is heated to _____ °F or above for _____ seconds.
 A 260 , 2
 B 212 , 3
 C 280 , 2
 D 191 , 2