

Name: \_\_\_\_\_ Club/Chapter: \_\_\_\_\_

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1. **How much does a bushel of oats weigh?**
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  - B. 48 pounds
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  - D. 60 pounds
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  - D. Smith Lever Act
3. **Water in drinking water wells is from what type of water?**
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4. **What is the instrument that is used to puncture the rumen in cases of bloat?**
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5. **What term is used for the premature expulsion of a fetus?**
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6. **According to the PDCA Dairy Cow Unified Scorecard, what is the mature bodyweight of a Milking Shorthorn cow?**
  - A. 900 pounds
  - B. 1,000 pounds
  - C. 1,200 pounds
  - D. 1,400 pounds
7. **How many Federal Milk Marketing Orders currently operate in the United States?**
  - A. 4
  - B. 6
  - C. 7
  - D. 11
8. **What abbreviation is used for Red and White Holstein in an NAAB code for a sire?**
  - A. RD
  - B. RH
  - C. RW
  - D. WW
9. **How many points are assigned to rear feet and legs on the PDCA Dairy Cow Unified Scorecard?**
  - A. 10
  - B. 15
  - C. 20
  - D. 40
10. **What is the standard length of a DHIA record?**
  - A. 60 days
  - B. 180 days
  - C. 305 days
  - D. 365 days
11. **What volatile fatty acid is the primary source of energy and milk fat?**
  - A. Acetic acid
  - B. Butyric acid
  - C. Lactic acid
  - D. Propionic acid
12. **What is the recommended theoretical length of cut for corn silage harvested with a harvester fitted with a kernel processor?**
  - A. ¼ inch
  - B. ½ inch
  - C. ¾ inch
  - D. 1 inch

13. **Where is the National Dairy Shrine Museum located?**
- A. Brattleboro, Vermont
  - B. Columbus, Ohio
  - C. Fort Atkinson, Wisconsin
  - D. Madison, Wisconsin
14. **What is the condition when the fetal membranes remain attached to the maternal caruncles within the uterus for more than 24 hours after calving?**
- A. Displaced abomasum
  - B. Ketosis
  - C. Parturient paresis
  - D. Retained placenta
15. **How many times per year are official U.S. genetic evaluations for dairy cattle released?**
- A. 2
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16. **Fermentation is the primary digestive process in which of the cow's stomach compartments?**
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20. **What is the condition called when a person cannot break down milk sugar?**
- A. Bangs disease
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  - C. Lactose intolerance
  - D. Milk allergy
21. **Heifers account for what percent of total farm expenses on many dairy operations?**
- A. 5 to 10 percent
  - B. 15 to 20 percent
  - C. 25 to 30 percent
  - D. 55 to 60 percent
22. **Off-flavors in milk are most commonly found in what component?**
- A. Butterfat
  - B. Lactose
  - C. Minerals
  - D. Protein
23. **What is the process of dividing milk into skim milk and cream called?**
- A. Clarification
  - B. Fortification
  - C. Pasteurization
  - D. Separation
24. **What term is used for the period of time after calving when the dairy producer chooses not to breed a cow?**
- A. Days open
  - B. Days to first service
  - C. Transition period
  - D. Voluntary waiting period

25. According to the Pasteurized Milk Ordinance, Grade A raw milk must be cooled to what temperature or less within two hours after milking?
- 0°F
  - 32°F
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  - 45°F
26. Which of the following is an undesirable recessive trait found in Ayrshires?
- Brachyspina
  - BLAD
  - CVM
  - Fish milk
27. Who is credited for developing the butterfat test that was the basis for DHIA testing?
- Stephen Babcock
  - Gail Borden
  - Louis Pasteur
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28. The pulsator was invented in what year?
- 1805
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30. How many cents per hundredweight of milk sold are deducted from every dairy producer's milk check to pay for promotion and research through the dairy checkoff?
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31. Federal standards require ice cream to contain a minimum of what percent milk fat by weight?
- 3.5%
  - 10%
  - 16%
  - 80%
32. A minimum of how many daughters are required for a bull to have a bull proof published?
- 10
  - 50
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  - 1,000
33. What is used to determine if raw milk has mixed with pasteurized milk?
- Acid degree value
  - Antibiotic residue screening test
  - Cryoscope
  - Phosphatase test
34. By definition, butter must contain a minimum of what percent fat?
- 16%
  - 18%
  - 60%
  - 80%
35. On average, what dairy breed produces the most milk per cow?
- Brown Swiss
  - Guernsey
  - Holstein
  - Jersey
36. What is the place of origin of the Holstein breed?
- Denmark
  - England
  - Netherlands and Germany
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37. What is the total protein in a feed called?
- Bypass protein
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  - Rumen degradable protein
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38. **What part of the milking system prevents the vacuum level from exceeding a prescribed level?**
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