

Instructions: *This test consists of 50 multiple-choice questions. Answers must be recorded on your Scantron sheet in the "Exam" section. Each question is worth five (5) points for a total of 250 points possible.*

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- A. Columbus, OH B. Madison, WI C. New Prague, MN D. Pittsburgh, PA
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- 2 Which mineral is critical for the establishment of legumes?**
- A. Magnesium B. Phosphorus C. Phosphorus D. Potassium
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- 3 Yogurt must contain at least what percent milk fat?**
- A. 1.0% B. 2.0% C. 3.25% D. 6.0%
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- 4 What class of chemicals is used to kill internal parasites?**
- A. Anthelmintics B. Coccidiocides C. Coccidiostats D. Ionophores
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- 5 Who built the first successful condensery?**
- A. S. M. Babcock B. Gail Borden C. W. D. Hoard D. Harvey Thatcher
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- 6 For each percent increase in inbreeding, mature equivalent milk production is estimated to decrease by how many pounds per lactation?**
- A. 60 to 80 B. 100 to 120 C. 180 to 200 D. 300 to 320
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- 7 A newborn calf should be fed colostrum at an amount equal to ten percent of the calf's bodyweight within how many hours after birth?**
- A. 2 B. 12 C. 18 D. 24
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- 8 What is the structure through which a fetus receives all of its nutrients?**
- A. Cervix B. Ovary C. Placenta D. Uterus
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- 9 In dairy cattle genetics, what do the letters TPI stand for?**
- A. Total Performance Index B. Triple Protein Index C. Type Performance Index D. Type Production Index
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- 10 In nutrient management planning, an animal unit consists of how many pounds of live weight?**
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- 12 What is the process called that involves treating a cow with FSH to increase the number of ova produced?**
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- 14 What metabolic disorder often occurs when a cow eats too much grain?
A. Acidosis B. Ketosis C. Listeriosis D. Milk fever
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- 15 The milk of which breed is known for its golden color?
A. Ayrshire B. Brown Swiss C. Guernsey D. Jersey
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- 16 What is the term given for the portion of a feed that remains after water has been removed by drying in an oven?
A. Crude fiber B. Crude protein C. Dry matter D. Moisture
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- 17 What is the normal respiratory rate for a dairy cow?
A. 15 breaths per minute B. 30 breaths per minute C. 60 breaths per minute D. 90 breaths per minute
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A. Low-fat milk B. Reduced fat milk C. Skim milk D. Whole milk
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A. Caruncles B. Cotyledons C. Papilli D. Villi
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