

**Wisconsin Jr Holstein Dairy Bowl 2012 - Junior Round 1**  
**Phase I**

- 1** Short\_Answer      What is the normal pH of the rumen?  
A. 6-6.5  
S. HF World of Dairy Cattle Nutrition
- 2** Short\_Answer      Who was named the 2010 Wisconsin Holstein Outstanding Holstein Boy?  
A. Jacob (Jake) Brey  
S. Wisconsin Holstein News, 3-11
- 3** Short\_Answer      A cow classified Excellent at eight years of age is eligible for what "E" designation?  
A. 2E  
S. HF Pedigree Questions & Answers
- 4** Short\_Answer      What is the most common treatment for twisted stomachs?  
A. Surgery  
S. HF World of Dairy Cattle Nutrition
- 5** True\_False          PTPI estimates the ability of a young animal to transmit a combination of production and type traits.  
A. True  
S. HF Working with Dairy Cattle
- 6** True\_False          If a judge says that a cow is long and lean in her neck, they are referring to body capacity.  
A. False (Dairy Strength)  
S. Dairy Cow Unified Score Card
- 7** True\_False          A cow's 305-day milk record is a direct measurement of its genotype.  
A. False  
S. HF Understanding Genetics and the Sire Summaries
- 8** True\_False          It is desirable for a cow to have a wide muzzle.  
A. True  
S. HF Dairy Judging

- 9** True\_False            Cattle tied in a herdsmanship group at the fair should be in line by size, smallest to largest.
- A. True
- S. 7-11 Hoards Dairyman
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- 10** True\_False            To transfer your registered Holstein, you should send the application to the Wisconsin Holstein Association.
- A. False
- S. HA Application for Transfer
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- 11** True\_False            Holsteins make up about 90% of the US dairy cow population.
- A. True
- S. Virginia DQB Study Materials
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- 12** True\_False            Consideration is given to lactation number and age when evaluating udder depth.
- A. True
- S. HF Dairy Judging

**Wisconsin Jr Holstein Dairy Bowl 2012 - Junior Round 1  
Phase II**

- 1 Short\_Answer**      How many pounds of whole milk does it take to produce one pound of butter?

**A. 21.2**

S. Holstein Foundation- HD 10
- 2 Short\_Answer**      What is the one-time fee to become a member of the National Junior Holstein Association?

**A. \$15**

S. HA Fees for Programs and Services
- 3 Short\_Answer**      What term describes the process of mating two purebreds from different breeds?

**A. Crossbreeding**

S. HF Understanding Genetics and the Sire Summaries
- 4 Short\_Answer**      During the milking process, the brain signals the posterior pituitary gland to release what hormone to trigger milk letdown?

**A. oxytocin**

S. 3-10-11 Hoards Dairyman
- 5 Short\_Answer**      Which part of the digestive system is the primary site of nutrient absorption in all animals?

**A. Small intestine**

S. HF World of Dairy Cattle Nutrition
- 6 Short\_Answer**      Name the 2011 Wisconsin Holstein Princess.

**A. Breinne Hendrickson**

S. Wisconsin Holstein News, 3-11
- 7 Short\_Answer**      What is the cause of milk fever?

**A. Calcium imbalance**

S. HF Working with Dairy Cattle
- 8 Short\_Answer**      What syndrome occurs when a cow becomes overweight during the dry period?

**A. fat cow syndrome**

S. HF World of Dairy Cattle Nutrition

## Junior Round 1 - Phase II (cont.)

- 9 Short\_Answer** A deficiency of iodine in the dairy cow's diet can cause what problem?  
**A. Goiter or Decreased fertility**  
S. HF World of Dairy Cattle Nutrition
- 10 Short\_Answer** What dairy cattle disease is characterized by reddening and swelling of the eye membranes and watery discharge from the eye?  
**A. Pinkeye (Keratoconjunctivitis)**  
S. HF Working with Dairy Cattle
- 11 Short\_Answer** Who is the President of the Wisconsin Holstein Association?  
**A. Corey Geiger**  
S. [www.wisholsteins.com](http://www.wisholsteins.com)
- 12 Short\_Answer** What term describes a calf's transition from a diet of milk to one of grain and water?  
**A. Weaning**  
S. HF World of Dairy Cattle Nutrition
- 13 Short\_Answer** Acetonemia is more commonly known as what metabolic disease?  
**A. Ketosis**  
S. HF World of Dairy Cattle Nutrition
- 14 Short\_Answer** The acronym PDCA stands for what organization?  
**A. Purebred Dairy Cattle Association**  
S. Showing 101 (Hoards)
- 15 Short\_Answer** When food leaves the mouth of a cow, what does it travel down next?  
**A. Esophagus**  
S. HF World of Dairy Cattle Nutrition
- 16 Short\_Answer** When referring to HA USA recognition programs, what does PBR stand for?  
**A. Progressive Breeder's Registry (Award)**  
S. HA Fees for Programs and Services

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**Bonus Questions**

- 1** 3-Part                      Name three awards Holstein Association USA has to honor outstanding animals.
- A. Star of the Breed, Gold Medal Dam, Dam of Merit, Gold Medal Sire
- S. [www.holsteinusa.com](http://www.holsteinusa.com)
- 2** 3-Part                      Name three contest that juniors can compete in at National Convention.
- A. Prepared public speaking, Folding Display, Dairy Bowl, Dairy Jeopardy
- S. [www.holsteinusa.com](http://www.holsteinusa.com)
- 3** 3-Part                      Difficult calving often occurs in both cows and heifers and can be caused by calves being in the incorrect position for easy passage through the cervix. Name three of the abnormal birth positions.
- A. calf upside down, calf's head bent back, forelegs are detained, backwards and upside down, backwards, hind legs forward
- S. Calf Care (Hoards)