

4-H INTERMEDIATE RABBIT BOWL QUESTIONS

- Int0 Who is the current Snohomish County 4-H Rabbit Program Leader?
A. Jessica Kramme
- Int1 Name four parts of the rabbit's digestive system?
A. Stomach Small Intestine Cecum
Large Intestine Mouth Esophagus.
- Int2 Most of the fancy breeds of rabbits have been developed within the last how many years?
A. 120
- Int3 During the summer, what can you do nutritionally to help prevent heat exhaustion?
A. Reduce feed intake to keep energy levels low.
- Int4 What is the first thing a breeder looks for when culling a commercial breed litter?
A. Body type
- Int5 When setting up a ventilation system for your rabbitry, what should you try to avoid?
A. Direct drafts on the rabbits
- Int6 How do you keep bacteria out of your water system?
A. Disinfect periodically
- Int7 Why should your rabbitry stay under 85°
A. To prevent serious health & breeding problems.
(You can lose animals due to "heat stress", bucks are not effective for breeding, and "fryers" won't gain weight efficiently).
- Int8 True or False?: Himalayan rabbits may have a dewlap.
A. False
- Int9 What are 2 of the 3 sources of energy for your rabbit?
A. Fat, Carbohydrates, excess protein
- Int10 Why is good ventilation important in a rabbitry?
A. reduces respiratory infections.
- Int11 Why is rabbit meat nutritionally sound meat?
A. Highest in protein
Lowest in fat
lowest in calories
lowest in cholesterol
- Int12 When should you remove the nest box?
A. 3 weeks after Kindling
- Int13 True or False?: One buck can produce over 500 offspring annually.
A. True
- Int14 Why should you keep a litter together for at least 1 week after weaning?
A. To reduce the stress of weaning.
- Int15 If there is too much energy (protein) in the rabbit's diet, what will happen?
A. causes diarrhea and enteritis
- Int16 What can you do during breeding to increase your litter size?
A. Breed the same pair twice, waiting 8-12 hours between matings.
- Int17 What is a fryer?
A. A young rabbit ready for market
OR
A rabbit not over 10 weeks of age, weighing between 3 1/2 and 5 1/2 lbs.
- Int18 During gestation, the doe's feed requirements change. What do they need more of?
A. Protein & Energy
- Int19 What are 2 differences between new born Rabbits & Hares
A. HARES RABBITS
Eyes Open Eyes Closed
Already Furred No Fur
Able to Run Helpless
- Int20 How often should the bottoms of wire cages be brushed to remove stuck droppings?
A. Daily

- Int21 How do you decide what the correct size of a nest box should be?
 A. In general, the box should be 2" longer & wider than the doe in a sitting position
 OR
 A. Large 22" x 14" x 12"
 Medium 18" x 10" x 9"
 Small 12" x 7" x 6"
- Int22 Name the 3 breeds that receive points for silvering?
 A. Silver
 Silver Fox
 Silver Marten
- Int23 True or False?: Rabbit meat can be prepared in only about 15 ways.
 A. False. Rabbit meat can be prepared in more than 300 ways.
- Int24 What is a crossbred rabbit?
 A. One produced by mating two different purebreeds.
- Int25 Fill in the blank: To prevent heat exhaustion, keep energy intake as _____ as possible in the summer.
 A. Low
- Int26 Why is feed scattered on the ground under cages not a good management practice?
 A. Attracts mice, insects, rats, & birds - all of which can carry disease.
 (Optional) Waste of money
- Int27 What breed has a Hair Line?
 A. The Dutch Breed
- Int28 The Himalayan variety of Netherland Dwarf is in what group?
 A. Group 5 -- Any Other Variety (AOV)
- Int29 What ages are 4-H Seniors?
 A. 14 to less than 19 years of age (as of October 1st of the current 4-H year)
- Int30 How often does a doe nurse her kits?
 A. Once or Twice a day
 (and sometimes more depending on how much milk she produces.)
- Int31 What causes coccidiosis?
 A. Parasites which infect the lining of the liver or intestines.
- Int32 When you buy new stock or bring existing stock home from a rabbit show, how long should they be quarantined from the herd to prevent the spread of disease?
 A. 2 weeks
- Int33 What breed of rabbit originated in Canada?
 A. Satin Angora
- Int34 List the 5 reasons people raise rabbits.
 A. 1) Pets
 2) Fancy (or showing)
 3) Meat
 4) Fur (or Wool)
 5) Research
- Int35 What does Pot Belly mean?
 A. A distended condition of the abdominal cavity, usually found in young rabbits.
- Int36 Name 2 Breeds that the markings receive more points than the body type
 A. Dutch 48 points for markings 27 points for type
 English Spot 44 points for markings 35 points for type
 Harlequin 60 points for markings 10 points for type
- Int37 What is the best way to prevent disease?
 A. Good sanitation
- Int38 The Havana breed is a mutation of what breed?
 A. Dutch
- Int39 How can enteritis be prevented?
 A. By providing adequate fiber in the diet.
- Int40 Does a rabbit have to be registered to earn a grand champion certificate?
 A. Yes

- Int41 Will exposure to warm temperatures affect the fertility of male rabbits?
A. Yes
- Int42 List 3 things to look for in selecting a breeding doe?
A. 1) History of several litters showing fast development or growth
2) Good Reproduction
3) High survival rate of litters
4) Free from disease
5) Good litter size
6) No serious defects
- Int43 Can rabbits and hares be interbred?
A. NO, they are members of different species.
- Int44 What kind of fur has guard hairs the same length as the undercoat?
A. Rex fur (found on Rex & Mini Rex)
- Int45 Fill in the blank: It is important to have a water system that is free of _____.
A. Bacterial growth
- Int46 True or False?: A Buck can only give 399 off-spring annually.
A. False. A Buck can give in excess of 500 off-spring annually.
- Int47 How often should you change the bedding on a solid floor cage for a giant breed of rabbit?
A. Every Day.
- Int48 Name the 3 spotted breeds
A. Rhinelander English Spot Checkered Giant
- Int49 Why should you not leave the nest box in the cage longer than necessary?
A. To reduce the possibility of bacterial disease.
- Int50 What are the characteristics of a good nest box?
A. Warmth, ventilation, drainage, and it will keep the kits in it until they are large enough to get back in by themselves.
- Int51 Where did the Silver breed originate?
A. India
- Int52 How many degrees of vision does a rabbit have?
A. 360
- Int53 Why are white rabbits pelts the most popular rabbits skins?
A. They can be easily dyed (to match wild animal fur).
- Int54 When is it necessary to provide a salt spool for your rabbit?
A. When the rabbit is not fed commercial ration. (feed).
- Int55 What does a feed conversion ratio refer too?
A. The number of pounds of grain necessary to produce one pound of meat.
- Int56 True or False? A doe can produce 160 pounds of live weight meat in a year.
A. True
- Int57 How do rabbit's get their B-Complex vitamins?
A. The source of vitamin "B" is the act of coprophagy, which is synthesized in the cecum and colon of the rabbit.
- OR
- Int58 Define Inbreeding?
A. A breeding system involving very close mating of rabbit stock such as brother and sister, or parent and offspring.
- Int59 Define Ear Lacing
A. A colored line of fur which outlines the sides and tips of the ear.
- Int60 What does Palpate mean?
A. To feel through the abdominal wall of a doe for developing young in the uterus (checking to see if doe is pregnant).
- Int61 Approximately how much water can a medium size doe and litter drink in a 24 hour period?
A. About one gallon of water.

- Int62 What is a "Charlie"?
- A. An extremely lightly marked animal in marked breeds or Broken Groups. A Charlie usually has colored ears, light eye circles, and a "Charlie Chaplin" mustache-like marking. It is usually devoid of back and side markings.
- Int63 How many pounds of feed are required to produce one pound of meat?
- A. 4
- Int64 True or False?: If the rabbit is fed extra fat it will dull their fur.
- A. False. It will add luster.
- Int65 What is the treatment for Coccidiosis?
- A. Sulfa added to the rabbit's water accompanied by strict sanitary practices. (can also use sulfaquinoxaline or amprolium)
- Int66 What chemical is present in rabbit manure, making it a good fertilizer?
- A. Nitrogen.
- Int67 True or False?: A rabbit must win four "legs" to be awarded a grand champion certificate.
- A. False. Only three are needed.
- Int68 Why do you feed weaned babies extra fiber?
- A. To reduce the chance of enteritis.
- Int69 What ages are 4-H Intermediates?
- A. 11 to 13 years of age (as of October 1st of the current 4-H year)
- Int70 Why should the doe be on restricted feed immediately after weaning a litter?
- A. To help her dry up her milk supply.
- Int71 What is the only rabbit that is going to produce a profit?
- A. A Healthy One
- Int72 What breeds have "standup" or "upright" fur?
- A. Rex , Mini Rex, & Silver Fox (only if stroked from tail to head. Stroke the Silver Fox from head to tail to return the fur to its natural position).
- Int73 Besides Netherland Dwarf, which breeds are judged (or shown) in groups?
- A. English Lop French Lop Mini Lop
Holland Lop American Fuzzy Lop Harlequin
Jersey Woolly English Angora French Angora
Satin Angora.
- Int74 How many wool breeds of rabbits are recognized by the ARBA?
- A. 6 breeds:
English Angora French Angora Giant Angora
Satin Angora American Fuzzy Lop Jersey Woolly.
- Int75 What country developed the New Zealand rabbit?
- A. United States
- Int76 Is "wall eye" or "moon eye" a disqualification or a fault?
- A. It is a disqualification
- Int77 What are the 5 Netherland Dwarf breed groups?
- A. 1) Self
2) Shaded
3) Agouti
4) Tan Pattern
5) Any Other Variety (AOV).
- Int78 What is a purebreed rabbit?
- A. One produced by successive matings of the same breed of rabbit.
- Int79 How long should you wait after giving a rabbit any drugs before slaughtering it?
- A. 30 days
- Int80 How many times her own body weight can a doe produce in edible meat in a year?
- A. 10 times
- Int81 How much do a rabbit's incisor teeth (front teeth) grow each month?
- A. 1/4" to 1"
- Int82 What is the most likely cause of failure to conceive?
- A. Excess fat

- Int83 In what breed of rabbits was the Satin mutation first discovered? (i.e. What breed did Satins come from?)
A. Havana
- Int84 What is the average weight of a rabbit at birth?
A. Two to Three ounces
- Int85 Why is the third week in July special to rabbit raisers?
A. It's National Rabbit Week.
- Int86. Name 4 of the breeds of rabbits that would be disqualified for a dewlap.
A. Britannia Petite Dwarf Hotot Tan
Himalayan Polish Silver
Netherland Dwarf
- Int87 How often is the *Standard of Perfection* revised?
A. Every 5 years.
- Int88 What does CONDITION mean?
A. The overall physical state of a rabbit in relation to its health, cleanliness, fur, and grooming. (The animal is to have a definite appearance of health and vigor).
- Int89 When a rabbit is pulling her fur and carrying hay around in her mouth this usually indicates what?
A. She's getting ready to build her nest to have kits.
- Int90 When you handle a rabbit and the rabbit sounds like a water bottle sloshing what would be your guess as to what is wrong?
A. Muccoid Enteritis.
- Int91 Lighting is very important to rabbits in the winter because?
A. Lighting is essential for reproduction in the winter months because of the length of the days. A rabbit needs 14 to 16 hours of light each day.
- Int92 Torching an all welded wire rabbit hutch means what?
A. You use a torch to burn off all debris and fur and sanitize the hutch.
- Int93 What are the benefits of an "all welded wire" rabbit cage?
A. It allows the manure to fall through thus making it easier to clean.
- Int94 At what age must young rabbits be separated from one another?
A. Before 3 months because after that the bucks will breed the does.
- Int95 What does the liver of a rabbit look like with liver coccidiosis?
A. It's covered with white spots.
- Int96 What should you look for when buying a rabbit?
A. Type is most important but also look for any disqualifications, teeth, parasites, spots that shouldn't be there, all points considered for a good broken color, feet, ruptures, abscesses, the whole rabbit and its pedigree, is it compatible with what you have in your line. Don't buy for cute.
- Int97 Should you loan your "breeder buck" to someone else for breeding for a period of time and Why?
A. NO. Because the buck may not appear sick but could bring back a disease not found in your barn and spread it to your does.
- Int98 True or False? The Flemish Giant is a good commercial meat breed?
A. False. The breed grows too slow and it's too big boned.
- Int99 Why is it not a good idea to breed a rabbit that is suffering from "Sore Hocks"?
A. 1) the rabbit will pass on the genes of thin pads, which is not good.
2) she may sit in the box and kill the kits.
- Int100 Which of the following is a good reason for culling a breeder doe out of your herd of rabbits?
1) Wolf Teeth, 2) Sore Hocks, 3) Snuffles, 4) Biter, 5) All of the above.
A. 5) All the above, as they are traits you don't really want to pass on to the babies.
- Int101 What should you do if you buy used rabbit equipment before it is used in your rabbitry?
A. You should torch and disinfect all used equipment before you put it in your rabbitry.

- Int102 List 5 sources of income that a rabbit raiser can take advantage of?
 1) sale of breeding stock
 2) rabbit manure sold as fertilizer
 3) building rabbit hutches to sell
 4) selling earthworms to fisherman or bait shops
 5) selling fryers for meat
 6) selling wool
 7) selling pelts
- Int103 True or False? If you let rabbit manure build up in the cage the rabbit may get liver coccidiosis from being in contact with its manure.
 A. True
- Int104 "Burnout" in commercial rabbits is the result of what?
 A. Being bred too many times without any rest between litters.
- Int105 When a mother rabbit kindles out of the nest box you should do what?
 A. Build a make shift nest in the nest box for the kits and put them in the nest you built.
- Int106 True or False? All breeds of rabbits can be breed at the same age?
 A. False.
 All breeds mature at different ages. Larger breeds, 8 to 11 months; medium to small breeds 5 to 7 months of age.
- Int107 Why should you wait 30 days before selling a rabbit for meat after giving it medication?
 A. So the medication contamination of the rabbit's meat is gone.
- Int108 How old is a rabbit when their front teeth stop growing?
 A. The front teeth will never stop growing as long as the rabbit lives.
- Int109 How old is an "intermediate" rabbit for showing?
 A. A rabbit between 6 and 8 months of age.
- Int110 What is the definition of a disqualification?
 A. One or more defects, deformities, or blemishes that render a rabbit ineligible for competition or registration.
- Int111 How many recognized breeds only come in one color variety?
 A. 15 Breeds
 (Argente Brun, American Sable, Giant Angora, Californian, Champagne d'Argent, Cinnamon, Creme d'Argent, American Chinchilla, Giant Chinchilla, Standard Chinchilla, Blanc de Hotot, Florida White, Lilac, Silver Fox, & Thrianta)
- Int112 What color are young Champagne d'Argent?
 A. Black
- Int113 List 4 Characteristics of a good hutch.
 A. 1) Easy to clean
 2) Convenient to water and feed
 3) Dry
 4) Airy, cool and protected from the sun, drafts, and predators
 5) One square foot living space per pound of rabbit.
- Int114 What is roughage?
 A. Food high in fiber like Hay, Alfalfa, Grass, Straw, etc.
- Int115 Name 2 of the 3 species of true native American rabbits.
 A. Brush Rabbit, Mountain Cottontail, and Pygmy Rabbit.
- Int116 True or False. Four does and a buck can produce more meat annually than the average cow?
 A. True
- Int117 What is a "Strain"?
 A. A genetically related bloodline possessing distinguishable characteristics such as type, color, coat, and the ability to pass the characteristics to the offspring.
- Int118 A defect in a rabbit makes it ineligible for competition is called what?
 A. "Disqualification from Competition"
- Int119 What are some "disqualifications from competition" that may be correctable?
 A. Weight, illegible tattoo, Pot Belly, Sore Hocks, Abscesses, Runny Eyes, Parasites, body smut on Himalayans, Conjunctivitis, incorrectly entered (wrong sex, group, variety).

- Int120 What must a rabbit win to be eligible for a Grand Champion certificate from the ARBA?
A. Three legs from at least 2 different judges with at least one won as an intermediate or senior.
- Int121 What does BOSG stand for?
A. Best Opposite Sex of Group.
- Int122 What disqualification are specific to the feet of the English Angora?
A. Normal fur on any of the four feet.
- Int123 What disqualifications are specific to the Giant Angora head?
A. Complete lack of Fringes and Tassels.
- Int124 In what Country was the Giant Angora developed?
A. United States.
- Int125 Name 2 breed of rabbits where a senior will be disqualified if the ears are under 5 and 3/4 inches?
A. Checkered Giant Flemish Giant English Lop (under 21").
- Int126 The colored markings on the rear feet of "Himalayan" marked rabbits is are called what?
A. Boots.
- Int127 What country did the Blanc de Hotot originate?
A. France
- Int128 What are the six groups that French Lop colors fall into?
A. Agouti Broken Self Shaded Ticked Wide Band.
- Int129 What is the only lop breed that doesn't have a crown?
A. English Lop
- Int130 In what country did the Netherland Dwarf originate?
A. Holland
- Int131 In what year was the Holland Lop accepted into the ARBA Standard?
A. 1980
- Int132 Give the two patterns that French Lops are shown in?
A. Broken and Solid
- Int133 Name the five varieties of the New Zealand Breed?
A. White, Red, Black, Blue, and Broken.
- Int134 Name the breed of rabbit that was developed by Mr. Young of Coulee Dam, Washington?
A. Palomino
- Int135 In what country did the Mini Lop originate?
A. Germany
- Int136 What are the classes for the Polish?
A. Four Class, Junior and Senior Bucks & Junior and Senior Does.
- Int137 In what country was the Chinchilla color pattern first developed?
A. France
- Int138 Name the white breeds that have points
A. Californian and Himalayan (others are only varieties of breeds).
- Int139 At about what age do rabbits start showing their adult fur color and characteristics?
A. About four to five months of age.
- Int140 Small particles of tangled or matted fur or wool in Angora rabbits is called what?
A. Cots.
- Int141 Describe the Holland lop fur?
A. Rollback fur that is glossy, dense, fine in texture, and a uniform length of approximately 1 inch.
- Int142 True or False? A coat that is shedding or molting badly is called a Slipping coat.
A. True
- Int143 What colors are the Snowshoe Hare?
A. Brown in summer and White in winter.

- Int144 Name the 5 body types?
A. 1) Full Arch
2) Semi-Arch
3) Compact
4) Commercial
5) Cylindrical
- Int145 What does it mean that a coat has flyback?
A. The coat of fur quickly returns to its smooth normal position when stroked from the hindquarters to the shoulders.
- Int146 What is the undercoat?
A. A growth of short fur partly concealed by longer and coarser guard hairs.
- Int147 The lack of what in a Satin fur will disqualify the animal?
A. Sheen
- Int148 True or False?: A Silver may have a dewlap?
A. False
- Int149 What country did the Silver Fox originate?
A. United States
- Int150 What breed has normal length fur and upright fur when stroked from tail to head?
A. Silver Fox
- Int151 What is the disqualification on Polish fur?
A. If its rollback.
- Int152 Why is slight underfeeding better than over feeding?
A. Animals show better, have less health problems, have less reproductive problems.
- Int153 How can you prevent or cure "fur chewing"
A. Feed a handful of grass hay or yellow straw 2 or 3 times a week.
- Int154 How does a rabbit normally file down its teeth?
A. By chewing.
- Int155 How do rabbits get vitamin C?
A. They synthesize it from their feed.
- Int156 Coprophagy provides adequate amounts of which vitamins?
A. The "B" vitamins.
- Int157 Give another term for Venereal Disease in male and female rabbits?
A. Vent Disease.
- Int158 Treatment for this disease would be to use sulfaquinoxaline or amprolium.
A. Coccidiosis.
- Int159 What can cause non-infectious diarrhea?
A. Incorrect feeding, too many greens, and or weaning too early.
- Int160 Why is hutch burn often confused with rabbit syphilis?
A. Both affect the genital area.
- Int161 Name the 4 types of fur?
A. Normal, Rex, Satin, & Wool
- Int162 Kits born to does fed a diet deficient in vitamin A may have this problem.
A. Kits have "hydrocephalus" or "water on the brain".
- Int163 How can hair ball problems be prevented?
A. By feeding small amounts of roughage daily with regular feed, weekly feeding of mineral oil, papaya pills, or fresh pineapple juice.
- Int164 What kind of fly grub burrows under the rabbit's skin?
A. The "BOTFLY".
- Int165 The terms undercut, checks, and stops are used in describing what breed?
A. The Dutch Breed.
- Int166 How is a rabbits temperature regulated?
A. Through its ears.
- Int167 Name the five breeds of "lop ear" rabbits?
A. Holland, English, French, Mini, and American Fuzzy Lop.
- Int168 What vitamins can rabbits synthesize from their feed?
A. Vitamin C and B complex.

- Int169 Name 3 breeds having Chinchilla as part of their name?
 A. 1) Standard Chinchilla
 2) American Chinchilla
 3) Giant Chinchilla
- Int170 Name 7 breeds that have the variety Chinchilla.
 A. American Fuzzy Lop English Angora French Angora
 Satin Angora Holland Lop Jersey Wooly
 English Lop French lop Mini Lop
 Mini Rex Netherland Dwarf Rex
 Satin Dutch
- Int171 What three parts of a rabbit make up the hindquarter?
 A. Hips, loins, and the rump
- Int172 What does "Carriage" mean?
 A. The manner in which a rabbit carries itself. The style or characteristic pose of a rabbit.
 Also the style in which a rabbit carries its ears.
- Int173 What do you call the brightness and brilliance of fur?
 A. "LUSTER"
- Int174 When does a doe wean her young?
 A. Six to eight weeks.
- Int175 How many times does a rabbit molt?
 A. Twice a year and sometimes three times a year.
- Int176 What is the 4-H Motto?
 A. "To make the best better"
- Int177 Name the colored breeds that have points
 A. Cinnamon and American Sable (others are only varieties of breeds).
- Int178 What requirements must be met before you can register a rabbit?
 A. Before you can consider registration the rabbit must meet these requirements:
 1) It must be 6 months of age or older.
 2) Have a full 3 generation pedigree
 3) No disqualifications
 4) You must be a member of the ARBA (membership number required)
 Then you find an ARBA Registrar. He or She will register your rabbit if the rabbit meets
 all the requirements and for a fee of \$6.00
- Int179 Name 2 reasons you would foster a litter of kits?
 A. 1) The dam dies.
 2) Too large a litter for the doe
 3) Milk does not come in fast enough.
 4) Bad "mothering" instincts. (She bites off a toe or an ear of one of the kits.)
- Int180 What is "yellow fat"?
 A. Body fat that is yellow in color. The fat is not harmful but undesirable from a sales
 standpoint.
- Int181 What is "Spraddle-Legged"?
 A. A condition where the rabbit cannot hold the front or back legs under the body. The legs
 spread out from the body. Also called "Splayed".
- Int182 What is an intermediate coat?
 A. The coat of fur a young rabbit gets after it sheds at 8 weeks of age.
 (Then at 5 to 6 months of age this intermediate coat will shed and be replaced by an
 adult coat of fur).
- Int183 What is absorption in pregnant does?
 A. The pregnant doe absorbs the embryos between 11 to 15 days of pregnancy. The cause
 of this is from stress. Stress may result from bad housing, poor feeding, or the strain of
 many litters in quick succession.
- Int184 What is "blue fur" disease?
 A. Moist skin, usually on the dewlap, infected with *Pseudomonas aeruginosa*; causes blue-
 green pigmentation of the fur. Often caused by dragging the dewlap through a water
 bowl if a water bottle is not used. A severe case will have sores.

- Int185 What is "hydrocephalus"?
A. Hydrocephalus, known as "water on the brain", is a genetic disorder, and is linked to vitamin A deficiency.
- Int186 What is the purpose of vitamin "D"?
A. Vitamin "D" is required in moderate amounts. It promotes the retention of calcium and phosphorus and maintains a concentration of these elements in the blood that will permit calcium and phosphorus deposition in the formation of the bone. Lack of vitamin "D" will cause rickets. A rabbit will get sufficient amounts of vitamin "D" if fed a commercial rabbit feed.
- Int187 What is the function of vitamin "E"?
A. Vitamin "E" functions as an antioxidant - prevents formation of peroxides. Peroxides break down muscle tissue (nutritional muscular dystrophy).
- Int188 What is the purpose of vitamin "K"?
A. Vitamin "K" is essential for blood clotting. Vitamin "K" activates the blood protein Prothrombin which together are essential in the clotting process.
- Int189 Define "PHENOTYPE".
A. 1) The outward appearance of an individual.
OR
2) The observable physical or biochemical characteristics of an organism, as determined by both genetic makeup and environmental influences.
- Int190 Define "GENOTYPE".
A. The genetic makeup of an individual which may include genes that are not seen on the outward appearance of the animal.
- Int191 What is Line Breeding?
A. The selective inbreeding of related animals, to perpetuate certain desired qualities or characteristics in the line.
- Int192 What is outcrossing?
A. The mating of two individuals with no close relationship.
- Int193 What disease is confused with Coccidiosis?
A. Enteritis.
- Int194 What is "crude protein"?
A. The approximate amount of protein (Amino Acids) in feed.
[It is calculated from the determined nitrogen content multiplied by 6.25, which is the multiplying factor derived from the average nitrogen content of proteins (about 16%)].
- Int195 What is the purpose of "enzymes" and where are they produced?
A. The purpose is to break down the food in the digestion process and they are produced in the stomach walls.
- Int196 What is the percentage of "crude fat" in a rabbit's food?
A. Most feed contains 2 to 3 percent crude fat.
- Int197 What is a "sport"?
A. A rabbit not true to the characteristic color of its breed.
- Int198. What is "warbles"?
A. Warbles is the results from the adult Botfly depositing eggs in the hair of the rabbit. The larvae penetrate the skin upon hatching causing a small hole and continue to develop. This causes localized swelling and irritation with loss of hair. (To treat, lance the skin and remove the larvae, and then put a medicated ointment on the wound.)
- Int199 What is "papilloma"?
A. Rabbit papilloma is a wart like growth on the rabbit, generally on the ears. Oral papillomas are wart like growths on the mouth. These growths eventually fall off.
- Int200 How do you know your rabbit has "Vent Disease"?
A. Signs of the disease are small vesicles or ulcers which become covered with a heavy scab in the genitalia area.

- Int201 What is the difference between "Fly Back" and "Roll Back" fur?
 A. "Fly Back" - quickly returns to the normal position when stroked from hindquarter to the shoulder
 "Roll Back" - gradually returns to the normal position when stroked from hindquarter to the shoulder
- Int202 What are the two patterns of the broken variety called?
 A. Spotted and Blanket.
- Int203 What is a "meat pen"?
 A. A group of three rabbits of the same breed and variety under the age of 10 weeks, each weighing between 3 1/2 and 5 1/2 pounds.
- Int204 How are "meat pens" judged?
 A. The 4 factors, in order of their importance, for judging meat pens, are as follows:
 1) Meat type, 2) Condition, 3) Uniformity, 4) Fur.
- Int205 What are the 3 types of ear carriage called? (Give examples of each).
 A. 1) Upright Ear (of the New Zealand).
 2) Lop Ear (of the American Fuzzy Lop).
 3) "Vee" carriage of the English Angora.
- Int206 What are the five recognized eye colors?
 A. Blue, Blue Gray, Brown, Pink, Marbled
- Int207 What are the three ways to keep good health in your rabbitry?
 A. OBSERVATION, SANITATION, AND VENTILATION
- Int208 The colored markings on the front feet of "Himalayan" marked rabbits are called what?
 A. Stockings
- Int209 What qualities do you look for in judging pelts?
 A. Texture, Density, Balance, Condition, Color, Leather, & Size
 Ref: Judging Rabbit Pelts #EM4353
- Int210 Define "disease"?
 A. Illness in general, a particular destructive process in a organism.
 Ref: Webster's Dictionary
- Int211 What is a Novice in the 4-H Rabbit Project?
 A. A first year member.
- Int212 Are the groups of Jersey Woolly and Netherland Dwarf the same?
 A. **NO** - Only the Jersey Woolly has a Broken group. The broken Netherland Dwarf is a variety in the AOV group.
 Common groups are Agouti, Self, Shaded, Tan Pattern, and AOV (Any Other Variety).
- Int213 What does BOB stand for?
 A. Best of Breed.
- Int214 What does BOS stand for?
 A. Best Opposite Sex (of Breed).
- Int215 What does BIS stand for?
 A. Best In Show.
- Int216 What does BOG stand for?
 A. Best of Group.
- Int217 What does BOV stand for?
 A. Best of Variety.
- Int218 What does BOSV stand for?
 A. Best Opposite Sex of Variety.
- Int219 What are the classes for the French Lop?
 A Six Class;
 Junior, Intermediate, and Senior Bucks &
 Junior, Intermediate, and Senior Does.
- Int220 Define Agouti Pattern
 A. A hair shaft that has three or more bands of color, with a definite break between each color. It usually has dark slate at the base, with two or more alternating light or dark bands of color, which is further interspersed with contrasting guard hairs. The head, feet, and ears usually have ticking. Eye circles, belly, under jaws, underside of tail, and

- triangle are much lighter (May be white in some cases.) and do not carry ticking.
- Int221 Define Bowed Legs
A. May be applied to the fore or hind legs. Bent like a bow. Legs that are curved outwardly or inwardly from the middle. A disqualification from competition
- Int222 What is a Breeding Certificate?
A. A written certificate, issued by the owner of a stud buck, showing its pedigree and the date of breeding to a particular doe. It is issued as proof of the ancestry of the anticipated litter.
- Int223 Define Cobby
A. A short and stocky body type which is close coupled and very compact.
- Int224 Define Dead Hairs
A. Fur which lacks life. Caused by molting or dead coat.
- Int225 Define Cots or dotted Fur
A. Small particles of tangled or matted fur or wool in Angora rabbits
- Int226 A dark, sooty appearing surface color, usually formed by a large number of dark guard hairs, found in many rabbits that carry the genetic factor of red, is called what?
A. Smut
- Int227 Define Knee
A. Also known as the stifle, this joint connects the thigh to the distal part of the leg.
- Int228 Define Parasites
A. An organism that lives on, or within, the host animal. Examples are mites, lice, fleas, etc.
- Int229 Define Snipey
A. An elongated, narrow head, usually terminating in a pinched muzzle.
- Int230 Define Undercut
A. 1) The belly marking on a Dutch rabbit. A continuation of the saddle marking to the underneath side of the rabbit.
2) Where the skeletal or muscular structure does not fill the lower hindquarter.
- Int231 Define Salt and Pepper
A. A flat appearance of black and white ticking, as found on Chinchilla, caused by the lack of contrast and desired waviness in the ticking. This is due to a weakness of color on the tips of the guard hairs.
- Int232 Define Self Color rabbit.
A. Animals having the same color over the body, head, ears, feet, legs, and tail.
- Int233 Define Hog Fat
A. A rabbit that is obviously over-fattened and, consequently, out of proportion for the true type of the breed.
- Int234 Define Broken Ear
A. A distinct break in the cartilage of the ear which prevents erect ear carriage. A Disqualification from Competition
- Int235 What is a 6 Class?
A. A breed of rabbit that show under JUNIOR, INTERMEDIATE, and SENIOR classes for both bucks and does. (3 classes for bucks and 3 classes for does for a total of 6 classes).
- Int236 What is a 4 Class?
A. A breed of rabbit that shows under JUNIOR and SENIOR classes for both bucks and does. (2 classes for bucks and 2 classes for does for a total of 4 classes).
- Int237 What is "wall eye" or "moon eye"?
A. An eye which is whitish on the surface (cornea); having a milky film over the eye. (It is a disqualification from competition)
- Int238 Do rabbits in a "meat pen" have to come from the same litter?
A. NO. Any three rabbits of the same breed and variety under the age of 10 weeks, each weighing between 3 1/2 and 5 1/2 pounds.
- Int239 Name 6 recognized breeds that only come in one color variety?
A. American Sable Giant Angora Blanc de Hotot
Champagne d'Argent Cinnamon Creme d'Argent Californian
American Chinchilla Giant Chinchilla Standard Chinchilla Florida White
Lilac Silver Fox Thrianta Argente Brun

- Int240 What ages are 4-H Juniors?
A. 8 to 10 years of age (as of October 1st of the current 4-H year)
- Int241 True or False? "Vent Disease" is caused by a spirochete organism.
A. True.
- Int242 What disease produces small vesicles or ulcers in the genitalia area which become covered with a heavy scab ?
A. "Vent Disease" (or "Rabbit Syphilis")
- Int243 True or False? "Rabbit Syphilis" is not another name for "Vent Disease".
A. False
- Int244 In what year did the Jersey Wooly breed make its final presentation showing for acceptance by the ARBA?
A. 1988, at the Convention in Madison, WI
- Int245 True or False? A rabbit cage should be 1 cubic foot per 1 pound of rabbit.
A. True
- Int246 List the 7 varieties of the Dutch
A. Black Blue Chinchilla Chocolate
Gray Steel Tortoise
- Int247 True or False? The nose marking found on a Himalayan is sometimes referred to as the "Smut"
A. True (usually called the "egg")
- Int248 What ages are 4-H Cloverbuds?
A. 5 to 7 years of age (as of October 1st of the current 4-H year)
- Int249 Sulfaquinoxaline is used to treat what disease?
A. Coccidiosis
- Int250 Pelt stain found on Himalayans & Californians is called what?
A. Smut
- Int251 List the 7 varieties of the Flemish Giant
A. Black Blue Fawn Light Gray
Sandy Steel Gray White
- Int252 Name two genetically caused defects?
A. Malocclusion Yellow Fat Glaucoma
Spradles or Splay Leg Ataxia.
- Int253 The National 4-H Council is located in what city?
A. Chevy Chase, Maryland
- Int254 The Headquarters of the ARBA are located in what city?
A. Knox, Pennsylvania
- Int255 How many breeds of rabbits are recognized by the ARBA?
A. 49
- Int256 In what year did the Broken Jersey Wooly make its final presentation showing for acceptance by the ARBA?
A. 2003, at the Convention in Wichita, KS
- Int257 What local breeder developed the Blue Eyed White variety of Mini Rex?
A. Jan Coffelt of Bothell, Washington
- Int258 In what year did the Blue Eyed White variety of Mini Rex make its final presentation showing for acceptance by the ARBA?
A. 2004, at the Convention in Providence, RI
- Int259 In what year did the Thrianta breed make its final presentation showing for acceptance by the ARBA?
A. 2005, at the Convention in Indianapolis, IN
- Int260 In what year did the Mini Satin breed make its final presentation showing for acceptance by the ARBA?
A. 2005, at the Convention in Indianapolis, IN
- Int261 In what year did the Otter variety of Mini Rex make its final presentation showing for acceptance by the ARBA?
A. 2005, at the Convention in Indianapolis, IN

- Int262 In what year did the Sable Point variety of Mini Rex make its final presentation showing for acceptance by the ARBA?
A. 2006, at the Convention in Fort Worth, Texas
- Int263 In what year did the Chocolate variety of the Dwarf Hotot make its final presentation showing for acceptance by the ARBA?
A. 2006, at the Convention in Fort Worth, Texas
- Int264 In what year did the Broken variety of Netherland Dwarf make its final presentation showing for acceptance by the ARBA?
A. 2006, at the Convention in Fort Worth, Texas
- Int265 In what year did the Broken variety of New Zealand make its final presentation showing for acceptance by the ARBA?
A. 2009, at the Convention in San Diego, California
- Int265 In what year did the Chin, Opal, Red, and Siamese varieties of Mini Satin make their final presentation showings for acceptance by the ARBA?
A. 2009, at the Convention in San Diego, California
- Int266 Name 4 recognized breeds that have a PRE-JUNIOR class
- | | | | | |
|----|----------------|---------------------|-----------------|----------------|
| A. | Argente Brun | American Chinchilla | Beveren | Blanc de Hotot |
| | Californian | Champagne D'Argent | Checkered Giant | Cinnamon |
| | Creme D'Argent | Giant Chinchilla | New Zealand | Palomino |
- Int267 What is a Pre-Junior?
A. An animal under 3 months of age that is showable only when the breed's showroom classes specifically allows pre-junior. They are to be shown separately by sex and variety. A pre-junior animal cannot compete in fur classes or be considered for BOV, BOSV, BOG, BOSG, BOB, or BOS.
- Int268 What are the symptoms of Warbles?
A. Localized swelling and irritation with loss of fur due to Botfly larvae penetrating the skin and developing.
- Int269 How do you treat Warbles?
A. Lance the skin, remove the larvae, and put a medicated ointment on the wound
- Int270 What term refers to blue-green pigmentation of the dewlap fur caused by moist skin from regularly dragging it through water?
A. Blue Fur Disease
- Int271 What is "Crude Fat"?
A. Crude fat is the term used to refer to the crude mixture of fat-soluble material present in a sample. (Crude fat content is estimated by extracting a ground feed sample with diethyl ether. The ether soluble components (ether extract) may include true fats and oils, fatty acid esters, compound lipids and fat-soluble vitamins or provitamins such as the carotenoids, all of which may have nutritional value. However, ether extract may also contain significant concentrations of indigestible waxes, resins and essential oils.)
- Int272 What is "Crude Fiber"?
A. Crude fiber is a measure of the quantity of indigestible components present in foods. These components have little food value but provide the bulk necessary for proper intestinal tract function.
- Int273 What is "protein"?
A. This is a group name and refers to the sum of 23 nutrients known as Amino Acids.
- Int274 In what year did the Lionhead breed make its final presentation showing for acceptance by the ARBA?
A. 2013, at the Convention in Harrisburg, Pennsylvania
- Int275 In what year did the Chinchilla variety of Dutch make its final presentation showing for acceptance by the ARBA?
A. 2013, at the Convention in Harrisburg, Pennsylvania
- Int276 In what year did the Blue, Silver Marten, & Tortoise varieties of Mini Satin make their final presentation showings for acceptance by the ARBA?
A. 2013, at the Convention in Harrisburg, Pennsylvania

- Int277 How should a Lionhead be posed?
A. A Lionhead should be posed with front feet resting lightly on the table. When viewed from the front, the stance is high enough to show full chest and mane. In order to correctly evaluate head mount and stance, the head should not be pushed or forced down.
- Int278 What is the definition of "Transition Wool"?
A. "Transition wool" is defined as significantly shorter wool on the hips or face of the Lionhead rabbit.
- Int279 What term refers to equal distribution of corresponding markings on marked breeds
A. Balance
- Int280 What is the term for a localized area of inflammation caused by an infection under the skin, in a gland, or in a hair follicle?
A. Abscess or Boil
- Int281 Define Broken Coat.
A. Fur with guard hairs missing or broken, exposing the undercoat.
- Int282 What is defined as a system of arranging the judging within different breeds?
A. Classification.
- Int283 What is the term for a body type fault in which there is an abrupt and sharp vertical fall from the top of the hip to the tail; also meaning not well filled out and rounded?
A. Chopped
- Int284 What term means well-formed markings without congestion or drags?
A. Clean
- Int285 What is the term for hind legs that turn inward at the hock, causing the toe portion to turn outward from the body?
A. Cow Hocks
- Int286 On marked breeds, what are centered below the eyes where the whisker emerges?
A. Cheek Spots
- Int287 What is a Cheek Spot?
A. A single, round spot of color on the cheek of marked breeds. It should center where the whiskers emerges, below the eye.
- Int288 Eye Color is determined by what part of the eye?
A. The circle of color that surrounds the pupil, also known as the iris.
- Int289 Where is the Flank on a rabbit?
A. On the side above the belly between the ribs and the hips.
- Int290 What is Foreign Color?
A. Any color of fur, nails, or eyes different from that called out in the Standard of Perfection for that breed or variety.
- Int291 What term refers to the reflection, luster, or brightness from a naturally healthy fur?
A. Glossy
- Int292 What is an Import?
A. A rabbit in the US or Canada that was born in a foreign country.
- Int293 What are Tassels?
A. The longer wool on top of the ears of some wool breeds.
- Int294 What are Fringes and where are they found?
A. The wool on some breeds appearing on the ears and falling between the tassels and bangs.
- Int295 What term refers to the lower part of the face and nose of the rabbit?
A. Muzzle
- Int296 What term refers to a rabbit which is broken up by an orderly placement of another color?
A. Marked (includes Tan Pattern rabbits)
- Int297 What term describes the feel, or tactile surface characteristics of fur?
A. Texture
- Int298 What is the mutation causing a greater translucency of the outer hair shaft allowing the pigment granules to show through more clearly and reflect more light producing sheen?
A. Satin

- Int299 What term refers to a marking occurring in an area that should be devoid of markings?
A. Stray Spot
- Int300 What term describes a slim, trim, alert, harelike rabbit which is long and slender in body and limbs?
A. Racy
- Int301 Define Topline.
A. The profile of the shoulders, back, and hindquarters when viewed from the side.
- Int302 What term refers to wool and guard hair on the tips of the ears not so long or heavy as to be considered furnishings?
A. Tufts
- Int303 What is the term for the physical characteristics of conformation or structure unique to each recognized breed?
A. Type
- Int304 What is the term for wool fibers that are beginning to felt or mat?
A. Webbed (can usually be removed by grooming)
- Int305 What is the term for the longer wool appearing at the front base of the ears and top of the head in some wool breeds?
A. Bangs
- Int306 Name the breed of rabbit that was developed by Theresa Mueller of Ravensdale, Washington?
A. Lionhead
- Int307 Name the 2 Breeds that have equal points for the markings and the body type.
A. Himalayan 41 points for markings 41 points for type
Tan 30 points for markings 30 points for type
- Int308 In what year did the Argente Brun breed make its final presentation showing for acceptance by the ARBA?
A. 2015, at the Convention in Portland, OR
- Int309 In what year did the Blue variety of New Zealand make its final presentation showing for acceptance by the ARBA?
A. 2016, at the Convention in San Diego, California
- Int310 In what year did the Himalayan and Squirrel varieties of Mini Satin make their final presentation showings for acceptance by the ARBA?
A. 2016, at the Convention in San Diego, California
- Int311 In what year did the Chocolate and Seal varieties of Lionhead make their final presentation showings for acceptance by the ARBA?
A. 2016, at the Convention in San Diego, California
- Int312 In what year did the Lilac variety of Havana make its final presentation showings for acceptance by the ARBA?
A. 2016, at the Convention in San Diego, California
- Int313 Name the breed of rabbit that was developed by Charmaine Wardrop of Bellevue, Washington?
A. Argente Brun