



Animal Science Reviewer

By Agriculture Review.

- 1. Which of the following is the primary source of protein for ruminants?**
 - a. Grains
 - b. Forage
 - c. Minerals
 - d. Vitamins
- 2. Which hormone is responsible for milk letdown in dairy animals?**
 - a. Oxytocin
 - b. Prolactin
 - c. Estrogen
 - d. Progesterone
- 3. Which of the following diseases is caused by a deficiency of Vitamin D in animals?**
 - a. Anemia
 - b. Rickets
 - c. Scurvy
 - d. Goiter
- 4. What is the gestation period of a cow?**
 - a. 114 days
 - b. 283 days
 - c. 150 days
 - d. 365 days
- 5. Which breed of cattle is known for its high milk production?**
 - a. Angus
 - b. Hereford
 - c. Jersey
 - d. Charolais
- 6. Which animal is commonly used for the production of mohair?**
 - a. Sheep
 - b. Goat
 - c. Alpaca
 - d. Llama

7. What is the main purpose of castration in livestock management?

- a. Improve meat quality
- b. Increase milk production
- c. Enhance growth rate
- d. Reduce aggressive behavior

8. Which nutrient is essential for the formation of hemoglobin in animals?

- a. Calcium
- b. Iron
- c. Vitamin C
- d. Magnesium

9. What is the main function of the rumen in ruminants?

- a. Water absorption
- b. Fat digestion
- c. Fermentation of fiber
- d. Protein synthesis

10. Which disease in poultry is caused by a herpesvirus?

- a. Marek's disease
- b. Newcastle disease
- c. Avian influenza
- d. Fowl pox

11. What is the common name for the infectious disease brucellosis in cattle?

- a. Anthrax
- b. Bang's disease
- c. Tuberculosis
- d. Foot and mouth disease

12. Which part of the digestive system in birds is responsible for grinding food?

- a. Crop
- b. Proventriculus
- c. Gizzard
- d. Cloaca

13. What is the normal body temperature of a healthy chicken?

- a. 37°C
- b. 39°C
- c. 41°C
- d. 43°C

14. Which mineral is critically required as the primary component for eggshell formation in poultry?

- a. Phosphorus
- b. Calcium
- c. Magnesium
- d. Potassium

15. Which of the following is an example of a monogastric animal?

- a. Cow
- b. Sheep
- c. Pig
- d. Goat

16. What is colostrum?

- a. The first milk produced after giving birth
- b. Milk produced during peak lactation
- c. Milk produced during weaning
- d. Milk produced during drying off

17. Which type of animal housing system allows for the free movement of animals within a barn?

- a. Tie-stall
- b. Free-stall
- c. Hutch
- d. Pen

18. What is the primary function of erythrocytes in animals?

- a. Fight infection
- b. Transport oxygen
- c. Clot blood
- d. Store fat

19. Which breed of sheep is known for its superior wool quality?

- a. Dorper
- b. Merino
- c. Suffolk
- d. Dorset

20. What is the primary method of heat regulation in pigs?

- a. Dancing
- b. Panting
- c. Shivering

21. Which vitamin is synthesized by ruminants in their rumen?

- a. Vitamin A
- b. Vitamin B12
- c. Vitamin C
- d. Vitamin D

22. What is the term for the process of giving birth in swine?

- a. Kidding
- b. Calving
- c. Farrowing
- d. Lambing

23. Which disease is commonly known as mad cow disease?

- a. Bovine tuberculosis
- b. Bovine spongiform encephalopathy (BSE)
- c. Foot and mouth disease
- d. Anthrax

24. Which nutrient is essential for preventing grass tetany in grazing animals?

- a. Calcium
- b. Phosphorus
- c. Magnesium
- d. Potassium

25. What is the purpose of using artificial insemination in livestock breeding?

- a. To increase genetic diversity
- b. To ensure offspring survival
- c. To control breeding timing and introduce superior genetics
- d. To reduce feed costs

26. What is the main energy ingredient by volume in most commercial poultry feeds?

- a. Fish meal
- b. Soybean meal
- c. Corn
- d. Wheat

27. Which of the following is a zoonotic disease, transmissible from animals to humans?

- a. Mastitis
- b. Bovine viral diarrhea
- c. Ringworm
- d. Bluetongue

28. What is the common term for bovine respiratory disease complex (BRDC)?

- a. Blackleg
- b. Shipping fever
- c. Foot rot
- d. Scours

29. What is the primary benefit of rotational grazing in pasture management?

- a. Reduces feed costs
- b. Controls parasite load
- c. Improves soil health and pasture yield
- d. Increases milk production

30. Which breed of chicken is primarily raised for egg production?

- a. Cornish
- b. Rhode Island Red
- c. Plymouth Rock
- d. Leghorn

31. What is the average productive lifespan of a dairy cow in a commercial setting?

- a. 3-4 years
- b. 5-6 years
- c. 7-8 years
- d. 9-10 years

32. Which of the following is a common external parasite of cattle?

- a. Liver fluke
- b. Tapeworm
- c. Horn fly
- d. Roundworm

33. What is the main cause of coccidiosis in poultry?

- a. Virus
- b. Bacteria
- c. Fungus
- d. Protozoa

34. What is the main purpose of dehorning cattle?

- a. Increase weight gain
- b. Improve milk production
- c. Enhance meat quality
- d. Reduce injury risk

35. Which of the following is an essential amino acid for poultry?

- a. Lysine
- b. Glycine
- c. Glutamine
- d. Serine

36. Which type of swine operation specializes in breeding and raising pigs to a weaning age?

- a. Farrow-to-finish
- b. Farrow-to-nursery
- c. Farrow-to-wean
- d. Nursery-to-finish

37. What is the term for the meat from a sheep less than one year old?

- a. Mutton
- b. Lamb
- c. Chevron
- d. Veal

38. Which breed of goat is known for its high milk production?

- a. Boer
- b. Alpine
- c. Saanen
- d. Angora

39. What is the primary reason for administering vaccinations to livestock?

- a. Enhance growth rates
- b. Improve feed efficiency
- c. Prevent disease
- d. Increase fertility

40. Which nutrient is most important for maintaining egg mass and production in laying hens?

- a. Protein
- b. Carbohydrate
- c. Fat
- d. Fiber

41. Which livestock species is most severely affected by the disease foot rot?

- a. Cattle
- b. Sheep
- c. Pigs
- d. Horses

42. Which mineral is necessary for the prevention of white muscle disease in livestock?

- a. Iron
- b. Selenium
- c. Zinc
- d. Copper

43. What is the term for an animal that has a diet consisting of both plants and meat?

- a. Herbivore
- b. Carnivore
- c. Omnivore
- d. Insectivore

44. Which of the following is an example of a dual-purpose cattle breed?

- a. Red Sindhi
- b. Sahiwal
- c. Gir
- d. Ongole

45. What is the term for the surgical removal of a male animal's testicles?

- a. Neutering
- b. Spaying
- c. Castration
- d. Docking

46. Which animal is most commonly used for wool production?

- a. Sheep
- b. Goat
- c. Alpaca
- d. Llama

47. What is the primary purpose of colostrum for newborn animals?

- a. Provide energy
- b. Aid digestion
- c. Supply antibodies
- d. Stimulate growth

48. Which of the following breeds of pigs is known for its rapid growth and large litters?

- a. Duroc
- b. Hampshire
- c. Yorkshire
- d. Berkshire

49. What is the average gestation period for a cow?

- a. 150 days
- b. 180 days
- c. 283 days
- d. 330 days

50. Which of the following is a legume commonly used in livestock forage?

- a. Timothy
- b. Bermuda
- c. Alfalfa
- d. Fescue

ANSWER KEY

1.	b	2.	a	3.	b	4.	b	5.	c
6.	b	7.	d	8.	b	9.	c	10.	a
11.	b	12.	c	13.	c	14.	b	15.	c
16.	a	17.	b	18.	b	19.	b	20.	b
21.	b	22.	c	23.	b	24.	c	25.	c
26.	c	27.	c	28.	b	29.	c	30.	d
31.	a	32.	c	33.	d	34.	d	35.	a
36.	c	37.	b	38.	c	39.	c	40.	a
41.	b	42.	b	43.	c	44.	d	45.	c
46.	a	47.	c	48.	c	49.	c	50.	c