



Questions of the competitive examination in Poultry diseases / Master degree :

Q1 : Choose the right answer

1. Thiamine deficiency symptom is
a. Curled toe paralysis. b. Nutritional myopathy. c. Poly neuritis. d. Ophthalmitis .
2. is used as a flavor enhancer in poultry ration.
a. Legnocellose. b. Egg powder. c. Monosodium glutamate d. Sodium citrate .
3. Necrotic dermatitis of chicken feet occurred due to deficiency of...
a. Mn. b. Fe. c. Zn. d. Nicotinic acid.
4. The concentration of Vit A in the ration of poultry should be highest for which class of birds
a. Laying hens . b. Broiler starter . c. Breeding hens. d. Broiler finishers.
5. The deficiency of..... in the diet of poultry leads to lesser intake of water.
a. K. b. Ca. c. Na. d. Mn.
6. Excess protein in poultry ration leads to all the following except.....
a. Deposition of calcium urate crystal in liver. b. Degeneration of the kidney. c. Rising blood uric acid. d. Fatty liver syndrome.
7. The following vitamin is required in higher quantities in breeder diets than in layer diets for chicken.
a. Biotin b. Vitamin A. c. Vit E. d. Folic acid.
8. Is an amino acid which is essential for growth but not for egg production.
a. Lysine. b. Methionine. c. Glycine. d. Arginine.
9. What is the primary goal of biosecurity measures in poultry farming?
A- To improve egg production B-To prevent the introduction and spread of infectious disease. C- To increase the growth rate of poultry. D-To reduce feed consumption .
10. Which of the following is an example of an external biosecurity measure?
A-Regular cleaning and disinfection of poultry houses. B-Quarantine procedures for new birds. C-Perimeter fencing around the farm. D-Vaccination programs.



11. Why are quarantine procedures for new or returning birds important?
A-They help increase egg production. B-They prevent the spread of diseases. C-They improve the birds' growth rate. D-They enhance feed efficiency.
12. Which biosecurity measure helps reduce the risk of disease transmission at the entrances of poultry houses?
A-Installing air filters. B-Providing clean water. C-Using footbaths with disinfectant. D-Increasing ventilation.
13. What should be done with dead birds and waste to maintain biosecurity?
A-Bury them on the farm. B-Leave them in the poultry house
C- Properly dispose of them according to biosecurity protocols.
D-Feed them to other animals.
- 14- Which virus causes Marek's disease in poultry?
A-Avian influenza virus. B-Avian herpes virus.
C-Infectious bronchitis virus. D-Avian leukosis virus.
- 15- Which bacterium is responsible for causing fowl cholera in poultry?
A-*Escherichia coli*. B- *Pasteurella multocida*.
C-*Clostridium perfringens*. D- *Salmonella enteritidis*.
- 16- Which protozoan parasite causes coccidiosis in poultry?
A-Eimeria. B-Toxoplasma. C-Giardia. D-Cryptosporidium.
- 17- Which of the following diseases is caused by a virus that affects the nervous system of poultry?
A-Newcastle disease. B-Avian influenza. C-Infectious laryngotracheitis.
D-Avian encephalomyelitis.
- 18- Which bacterium is associated with causing respiratory diseases such as infectious bronchitis in poultry?
A-*Mycoplasma gallisepticum*. B- *Escherichia coli*.
C-*Pasteurella multocida*. D-*Salmonella gallinarum*
- 19- Which of the following viral diseases is vertically transmitted?
A-ND. B-AI. C-Viral Arthritis (Avian Reo Virus)(ARV). D-IBD.
- 20- Which of the following vaccine of IBD include Ag-Ab complexes in composition?
A-Conventional live vaccine. B-Immune complex vaccine. C-rHVT-IBD-ND (recombinant vaccine). D-Oily inactivated vaccine.





21- With one exception, all of the following are IBV variant strains. Choose it :

A-4/91. B-QX. C-Ma5. D-D274.

22- All of the following disease associated with leg problem EXCEPT?

A-*Mycoplasma synoviae* . B-Staphylococcus infections
C-arthritis/tenosynovitis. D-ILT.

23- Blue wing disease refer to _____

A-ND. B-Infectious anemia. C-MD. D-IBD.

24- Which of the following factors is more important in determining the correct time for IBD vaccination?

A-MDA. B-Environmental factor. C-Water quality. D-Ventilation.

25- Coughing up of blood is an indicative signs for _____

A-ILT. B-IB. C-ND. D-IBD.

26- A drop in egg production occurred in a 25-week-old layer flock. There were many pigmented shells may become pale, deformed eggs with wrinkled shells will often be laid and the albumen can have a watery viscosity. On the basis of the above finding, the disease could be :

A-Merk's disease. B- Egg drop syndrome. C-IBH. D-IB.

27- Which of the following infectious bronchitis disease virus strains can be used for vaccinating broiler flocks?

A-Variant strain only. B-Classical strain only. C-Both A and B. D-Inactivated vaccine.

28- Chronic respiratory disease (CRD) which mainly associated with _____.

A-E.coli infection. B-IBV. C-Mycoplasmas. D-All of them.

29-Gout is a disease characterized by urate deposition in the visceral organs result from :



A-Increase protein in the diet. B-Increase plant oils. C-Increase vitamins. D- Increase protein in the diet.

30-Cannibalism in mature birds treated by:

A-Conditioning the beaks and increase lighting. B-Conditioning the beaks and increase protein in the diet. C-Increase birds density. D-Increasing the number of feeders, conditioning the beaks and reducing lighting and decrease bird density.

31-*Histomonas meleagridis* is a protozoa causing a disease called :

A-Black head. B-Brown head. C-White head. D-Cyanotic head.

32- cause haemorrhage into the gut and high mortality.

A-*E. tenella*. B-*E. acervuline*. C-*E. maxima*. D-*brunetti*.

33-Trichomoniasis characterized by:

A-Whitish yellow, caseous lesions adherent to the mucosa of the naris.

B-Whitish yellow, caseous lesions adherent to the mucosa of the eye.

C-Whitish yellow, caseous lesions adherent to the mucosa of the and wattles

D-Whitish yellow, caseous lesions adherent to the mucosa of the oropharynx, crop, and esophagus.

34-*Candida albicans* grows readily on _____

A-Nutrient agar B-Eosin-methylene blue agar C-Sabouraud's dextrose agar D-. SS. agar

35-Dactylariosis is a mycotic disease that causes _____

A-Digestive problems B- Nervous signs C- Reproductive problems D- Respiratory signs

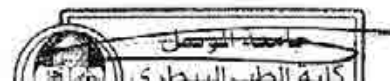
36-The treatment of favus is _____

A-Levamisole B- Copper sulphate C- Nystatin D- Ampicillin

37-Mycotoxicosis is a disease caused by _____

A- The fungus B- The fungus toxins C- The fungus growth D- The fungus spores

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A-Levamisole B- Albendazol C- Ivermectin D- Copper sulphate

48-Which of the followings does not cause an increase in the amount of water consumed by chicks?

A-Sodium and potassium in the form of bicarbonate salts. B-Excess dietary protein
C-Heat. D-Carbohydrates

49-Arginine deficiency tends to cause _____.

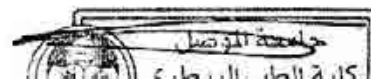
A-Decrease in egg production. B-Stunting and retarded development in chicks
C-The wing feathers to curl upward. D-Abnormality in muscles

50-A deficiency of a single vitamin in the feed formula of a chicks results in _____.

A-defect in metabolic process. B-defect in catabolic process. C-Defect in metabolic and catabolic processes. D-No effect on physiological aspects

Q2: Submit the mark (T) for the true statement and the mark (F) for the false one:

- 1-The deficiency of vitamin D leads to rickets in poultry.
- 2-Excessive calcium in the diet of the laying hens can cause egg shell deformities.
- 3-Niacin deficiency in poultry is also known as perosis or slipped tendon.
- 4-Fatty liver hemorrhagic syndrome in poultry is primarily caused by the deficiency of vitamin E.
- 5-Deficiency of selenium in poultry can result in muscular atrophy.
- 6-Vitamin K deficiency in poultry can result in muscular dystrophy.
- 7-A lack of methionine in diet can cause poor feathering in poultry.
- 8-Zinc deficiency in poultry is likely to result in poor growth and skeletal abnormalities.
- 9-Vitamine E deficiency can cause encephalomalacia in young chickens.
- 10-Encephalopathy in poultry can be caused by a deficiency in vitamin B1 (Thiamine).
- 11-High level of phosphorus in the diet can cause gout in poultry.
- 12-Biotin deficiency in poultry can lead to fatty liver in broilers.
- 13-Exudative diathesis in chickens originated by vitamin B6 deficiency.
- 14-Vitamin B12 deficiency is a common cause of muscular dystrophy in poultry.
- 15-Gout in poultry is commonly caused by high levels of calcium.
- 16- The presence of maternally-derived antibodies in offspring chicks will not interferes with the efficacy of live vaccines.





- 17- All strains of IBV are nephropathogenic and can cause high mortality due to kidney failure in susceptible birds.
- 18- The economic losses from AI have varied depending on the strain of virus.
- 19- Hemorrhage on the shanks is the sign of ILT infection.
- 20- Vaccination of day-old chicks with MD vaccine is an effective mean to control it.
- 21- Both IBD and CAV demonstrated hemorrhages in the thigh, leg, and breast muscles.
- 22- One of the key points for IBD control is vaccination of parents.
- 23- AI virus may persist for long period although the poultry density is low or preventive and control measures can be implemented quickly following detection of infections.
- 24- One of the main predisposing factors for the development of clinical signs of IB is a high-protein diets.
- 25- Hydropericardium-Hepatitis Syndrome caused by fowl adenoviruses serotype 4.
- 26- Spirochaetosis is a septicaemic disease, the birds are depressed, cyanotic; greenish diarrhea with considerable amounts of urates is observed.
- 27- The most important tick infected birds is the hard tick *Argas persicus*.
- 28- The lesion of *E. acervulina* is white spots on the mucosal surface of the duodenum and upper middle intestine.
- 29- Birds suffering from dehydration characterized by wrinkling and/or tenting of the skin on the toes and torso, and decreased urinary output; urates appear thick and pasty.
- 30- Aflatoxicosis result from bad management and bad storage grains.
- 31- Biosecurity measures in poultry farming are designed to prevent the introduction and spread of infectious diseases.
- 32- Only external biosecurity measures, such as perimeter fencing, are important for protecting poultry farms.
- 33- Quarantine procedures for new or returning birds help prevent the spread of diseases.
- 34- Regular cleaning and disinfection of poultry houses is unnecessary if the birds appear healthy.
- 35- Restricting access to the poultry farm to essential personnel only is a key biosecurity measure.
- 36- Avian influenza is caused by a virus that primarily affects the respiratory and gastrointestinal tracts of poultry.
- 37- *Salmonella* spp. can cause both localized and systemic infections in poultry, with potential transmission to humans through contaminated eggs or meat.



- 38- Infectious Bursal Disease (IBD), caused by a birnavirus, primarily affects the immune system of young chickens, leading to immunosuppression.
- 39- *Mycoplasma gallisepticum* is a bacterium known for causing chronic respiratory disease in poultry, characterized by respiratory distress and decreased egg production.
- 40- *Clostridium perfringens* is a bacterium responsible for necrotic enteritis in poultry, a disease characterized by severe intestinal lesions and high mortality rates.
- 41- Copper deficiency impaired feather pigmentation in colored breeds of fowl.
- 42- Chickens and turkeys must have access to a continuous water supply, because they drink only small amounts at a time.
- 43- The infection with *histomonas meleagridis* can be transmitted vertically.
- 44- The drug of choice for treatment of heamoproteus infection in poultry is levamisole.
- 45- The elongated parasite of leucocytozoon is found outside RBCs.
- 46- Antifungal agents added to the feed to prevent fungal growth have no effect on mycotoxins already formed.
- 47- Mycotoxicosis is a disease caused by the fungus itself.
- 48- The oocyst of heamoproteus produce shizonts that leave and migrate to the salivary glands of the black fly.
- 49- Aspergillosis infect the respiratory system and many organs involving the brain and eyes.
- 50- After laboratory culture, the growth of a few colonies of *Aspergillus* is sufficient for a definitive diagnosis.

Good Luck.

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