

3. Layer poultry farming is mainly aimed at
 - (a) Meat
 - (b) Oil
 - (c) Eggs
 - (d) Quils
4. What is culling in hens?
 - (a) Cutting feathers
 - (b) Cutting beaks
 - (c) To separate weak and non profitable chick
 - (d) All the above
5. Pathogenic diarrhea occurs due to excessive dietary level of
 - (a) Protein
 - (b) Carbohydrate
 - (c) Fat
 - (d) Mineral
6. The major component of egg shell is
 - (a) Calcium phosphate
 - (b) Calcium chloride
 - (c) Calcium Carbonate
 - (d) Dicalcium phosphate
7. Antioxidants is one of the
 - (a) Food additive
 - (b) Food toxicant
 - (c) Food contaminant
 - (d) Medicine
8. Supply of additional food is
 - (a) Regular food
 - (b) Supplementary food
 - (c) Enough food
 - (d) Under food
9. Pullorum disease is caused by
 - (a) Salmonella
 - (b) Avibacterium
 - (c) Pasteurella
 - (d) Aviporus

10. Mycoplasmosis is
 - (a) Viral disease
 - (b) Parasitic disease
 - (c) Fungal disease
 - (d) Bacterial disease

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Describe the general principle of building poultry house.

Or

 (b) Write short notes on Californian cages.
12. (a) List out growers management.

Or

 (b) Explain forced molting.
13. (a) What is the effect of excess protein in broilers?

Or

 (b) What are the different methods used to overcome the mineral deficiency in chick?
14. (a) How food additives enhance the growth of broilers?

Or

 (b) Poultry food formulation – Discuss.
15. (a) Explain Tapworm infection of chicken.

Or

 (b) Describe external parasite of chicken.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b)
Each answer should not exceed 600 words.

16. (a) Define poultry. Discuss the past and present scenario of poultry industry in India.
Or
(b) How to identify poor and good layers in commercial layer farm – Explain.
17. (a) Write an essay on poultry manure.
Or
(b) Give an account on summer and winter management of layers and broilers.
18. (a) Explain carbohydrate and protein requirement of growers and layers.
Or
(b) Describe vitamin and mineral requirement of layers and broilers.
19. (a) Discuss the supplement food preparation.
Or
(b) What are the ingredients used to prepare a balanced broiler ration – Explain.
20. (a) Summarize viral diseases.
Or
(b) Explain causes, symptoms, transmission and treatment of parasitic diseases in poultry.