

(6 pages)

Reg. No. :

Code No.: 20400 E Sub. Code: AEZO 66

B.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2023

Sixth Semester

Zoology — Major Elective

POULTRY SCIENCE

(For those who joined in July 2017 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions

Choose the correct answer :

1. Poultry is one of the fastest-growing segments of the _____ sector in India today.
(a) Sericulture
(b) agricultural
(c) apiculture
(d) all of the above

2. Deep litter is an animal housing system, based on the repeated spreading of straw material in.
(a) indoor booths (b) outdoor booths
(c) house booths (d) all the above
3. Baby chicks need 24 hours of light for the first _____ hours of life to ensure that they find food and water.
(a) 48 to 72 (b) 48 to 84
(c) 48 to 102 (d) all the above
4. Beak trimming is performed in poultry production to reduce
(a) cannibalism (b) aggressive
(c) feather pecking (d) all the above
5. Poultry require higher levels of macrominerals and lower levels of _____ in their diets.
(a) milk protein (b) milk fat
(c) milk vitamin (d) microminerals

6. The general opinion of poultry producers and feed manufacturers is that the fibre content of the rations should be kept
- (a) below 7% (b) below 8%
(c) below 9% (d) none of the above
7. Feed additives are products used in animal nutrition for the purposes of improving
- (a) water content
(b) fat content
(c) protein content
(d) quality of feed
8. There are main groups of nutritional supplements that can be added to poultry feed
- (a) proteins and amino acids
(b) vitamins and minerals
(c) vitamins
(d) all the above
9. Fowl Cholera is a chronic disease caused by
- (a) Pasteurella multocida
(b) E.coli
(c) Salmonella
(d) all the above

10. Fowl pox is transmitted to flocks primarily through biting
- (a) mosquitoes (b) worms
(c) ants (d) all the above

PART B — (5 × 5 = 25 marks)

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

11. (a) What are commercial laying hens?
- Or
- (b) Write about a dropping board in poultry?
12. (a) Is chicken manure high in nutrients? What is the NPK content of poultry manure?
- Or
- (b) What are the different management practices of poultry?
13. (a) Describe the food requirements of layer chicken.
- Or
- (b) Explain how do you control fat in chicken.

14. (a) List out the supplemental feed for poultry?

Or

(b) What are the protein supplement for poultry feed?

15. (a) Enumerate the symptoms and treatment of aflatoxicosis.

Or

(b) What are the common nematodes of poultry?

PART C — (5 × 8 = 40 marks)

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

16. (a) Explain the cage system in poultry? What are the advantages of cage system in poultry?

Or

(b) Describe the basic principles of poultry house construction.

17. (a) Write an essay on nutritional content of egg.

Or

(b) How do you manage summer stress in poultry? Which season is best for poultry farming?

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18. (a) Explain the effects of nutritional deficiencies in Poultry?

Or

(b) Why vitamins and minerals are necessary for the growth and development of chicken?

19. (a) How do you make poultry feed formula? What are the ingredients of poultry feed?

Or

(b) Explain the importance of feed additives in poultry diets.

20. (a) What are the major and common diseases of poultry in India?

Or

(b) What are the bacterial diseases and its preventive measures in poultry farming?

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