

2023

POULTRY FARMING

POULTRY DISEASES AND THEIR CONTROL

(Paper – III)

(THEORY)

Full Marks : 30

Time : 2 hours

The figures in the margin indicate full marks for the questions

General Instructions:

- (i) Write all the answers in the Answer Script.
- (ii) All questions are compulsory.
- (iii) Attempt all parts of a question together at one place

- 1.** Choose the correct answer from the options given below : $1 \times 5 = 5$

(a) Pullorum disease of poultry is caused by

(i) Bacteria

(ii) Virus

(iii) Protozoa

(iv) Fungi

(3)

(e) Star gazing appearance is caused due to deficiency of

(i) Vitamin D

(ii) Vitamin E

(iii) Vitamin B₁

(iv) Vitamin B₂

2. Write whether the following statements are 'True' or 'False': 1 × 5 = 5

(a) Coccidiosis is a dreadful viral disease of poultry.

(b) Crazy chick disease is due to the deficiency of vitamin B₁.

(c) Curled toe paralysis is due to the deficiency of vitamin B₂.

(d) 'All-in all-out' system is helpful to prevent poultry diseases efficiently.

(e) Formalin is available commercially as 40% solution of formaldehyde in water.

3. Fill in the blanks with appropriate word(s): 1 × 5 = 5

(a) Thin shelled egg is due to the deficiency of _____ (vitamin).

(4)

(b) Slipped tendon (perosis) is due to the deficiency of _____ (mineral).

(c) Gumboro disease (IBD) is a _____ disease of poultry (as per etiology).

(d) Type of Ranikhet disease vaccine given at first week of age is _____.

(e) In India, bird flu was recorded first time in the year _____ at Navapur village under Nandurbar district of Maharashtra.

4. Write down the transmission mode of the following diseases (*any five*): 1 × 5 = 5

(a) Ranikhet disease

(b) Gumboro disease

(c) Marek's disease

(d) Fowl Pox

(e) Infectious Bronchitis

(f) Egg Drop Syndrome

(g) Avian Influenza

5. Write the specific symptoms of the following diseases (*any five*): 1 × 5 = 5

(a) Fowl Cholera

(2)

- (b) Broiler birds are commonly vaccinated against
- (i) Marek's disease, Ranikhet disease and Gumboro disease
 - (ii) Ranikhet disease, Pullorum disease and Gumboro disease
 - (iii) Ranikhet disease, Coccidiosis and Fowl pox.
 - (iv) Pullorum disease, Infectious bursal disease and Infectious bronchitis
- (c) Marek's disease vaccine should be given at the age of
- (i) 3 days
 - (ii) 3 weeks
 - (iii) 13 weeks
 - (v) 3 months
- (d) The first vaccine against Ranikhet disease should be given at the age of
- (i) 1 week
 - (ii) 3 weeks
 - (iii) 5 weeks
 - (iv) None of these

(5)

- (b) Infectious Coryza
- (c) Pullorum Disease
- (d) Chronic Respiratory Disease
- (e) Coccidiosis
- (f) Vitamin B₁ deficiency
- (g) Vitamin D deficiency
- (h) Calcium and Phosphorus deficiency

- 6.** Draw a table showing common vaccination schedule for broiler chicken.

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