

C-5531

Sub. Code

99511

DIPLOMA EXAMINATION, NOVEMBER 2021

First Semester

Poultry Health

AVIAN ANATOMY AND PHYSIOLOGY

(2021 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Broiler
2. Pea comb
3. Syrinx
4. Aseel
5. Pancreas
6. Germinal disc
7. Adrenal gland
8. Bursa of Fabricius
9. Passive Immunity
10. Rhode Island Red

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Asiatic Class.
Or
(b) Gizzard.
12. (a) Functions of airsacs.
Or
(b) Types of blood vessels.
13. (a) Crop and cloaca.
Or
(b) Role of ureter.
14. (a) Limb bones.
Or
(b) Harderian gland.
15. (a) Payer's patches.
Or
(b) Wing bones

Part C

(3 × 10 = 30)

Answer **all** questions by choosing either (a) or (b).

16. (a) Write in detail on avian nervous system with neat diagram.
Or
(b) Write an essay on components of circulatory system with neat diagram.

17. (a) Write an essay on hybrids available in India with their merits and demerits.

Or

- (b) Write an essay on excretory system in poultry with neat diagram.

18. (a) Write in detail on female reproductive system with neat diagram.

Or

- (b) Write an essay on integumentary parts of the skin with neat diagram.

C-5532

Sub. Code

99512

DIPLOMA EXAMINATION, NOVEMBER 2021

First Semester

Poultry Health

FUNDAMENTALS OF POULTRY MANAGEMENT

(2021 Onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Broiler
2. Forced draft incubator
3. Relative humidity
4. Turning
5. Crude protein
6. Horizontal integration
7. Down time
8. Giblets
9. Fumigation
10. Pellet

Part B

(5 × 5 = 25)

Answer **all** questions, by choosing either (a) or (b).

11. (a) Multiple batch system.

Or

- (b) Selection of farm site.

12. (a) Poultry house orientation and overhang.
Or
(b) Weak bird management.
13. (a) Lighting management in layers.
Or
(b) Weekly growth rate.
14. (a) Types of feeders.
Or
(b) Types of waterers.
15. (a) Codex alimentarius regulations.
Or
(b) Preparation of ready to cook and ready to eat chicken.

Part C (3 × 10 = 30)

Answer **all** questions, by choosing either (a) or (b).

16. (a) Environmentally controlled poultry houses.
Or
(b) Elevated cage poultry houses.
17. (a) Write an essay on slaughter steps in poultry processing.
Or
(b) Terminologies in layer production and write about the layer commercial strains.
18. (a) Write in detail on value addition of eggs.
Or
(b) Write an essay on types of incubators.

C-5533

Sub. Code

99513

DIPLOMA EXAMINATION, NOVEMBER 2021

First Semester

Poultry Health

FUNDAMENTALS OF AVIAN HEALTH

(2021 Onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Active immunity
2. Bacteria
3. Simple Microscope
4. Inflammation
5. Breast blister
6. Sanitation
7. Tumour
8. Disease
9. Pathognomonic lesion
10. Adjuvant.

Part B

(5 × 5 = 25)

Answer **all** questions, by choosing either (a) or (b).

11. (a) Cell mediated immunity
Or
(b) Immunomodulation
12. (a) Heat stroke
Or
(b) Types of infection
13. (a) Vaccination of breeders
Or
(b) Handling of hatching eggs
14. (a) Types of vaccines
Or
(b) Clinical signs of Ranikhet disease
15. (a) DNA vaccines
Or
(b) Pendulous crop.

Part C

(3 × 10 = 30)

Answer **all** questions, by choosing either (a) or (b).

16. (a) Write step wise procedure for postmortem examination of birds.
Or
(b) Describe in detail on the structure and functions of avian immune system with neat diagram.

17. (a) Describe in detail on the structure and morphology of avian influenza virus.

Or

(b) Describe in detail on the nutritional imbalances in poultry.

18. (a) Write an essay on miscellaneous pathological conditions of chicken.

Or

(b) Describe in detail on the housing and management of poultry parent stocks.

C-5534

Sub. Code

99514

DIPLOMA EXAMINATION, NOVEMBER 2021

First Semester

Poultry Health

FLOCK HEALTH AND BIOSECURITY

(2021 Onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Flock health
2. Hatchability
3. Isolation
4. Horizontally transmitted diseases
5. Foot bath
6. Biosecurity
7. Mushy chick disease
8. Maternal immunity
9. Hatchery waste
10. Anthelmintic.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Types of Vaccine
Or
(b) Vaccination schedule for layers
12. (a) Care of breeder stock
Or
(b) Ventilation control
13. (a) Carcass disposal
Or
(b) Farm fencing
14. (a) Shed cleaning and disinfection
Or
(b) Fly and rodent control
15. (a) Selection of hatching eggs
Or
(b) General farm hygiene.

Part C

(3 × 10 = 30)

Answer **all** questions, choosing either (a) or (b).

16. (a) Write an essay on the factors affecting fertility and hatchability.
Or
(b) Describe in detail on breeder male and female management.

17. (a) Describe in detail on litter management.

Or

(b) Describe in detail on compartmentalization of poultry establishments.

18. (a) Describe in detail on general principles and precautions of medication through water and feed.

Or

(b) Describe in detail on anticoccidial medication and antifungal medication.
