

M.Sc. Examination, 2017

Semester-II

Animal Science (Poultry)

Course – PSC-514

(Poultry Medicine & Preventive Measures)

Time: 3 Hours

Full Marks: 50

Questions are of value as indicated in the margin.

Answer **any five** questions

1. a) Describe vaccination schedule of poultry. 5
b) Define disinfectant with examples. Classify disinfectant with mechanism of action. 5
2. a) Define probiotic with example. State the mechanism of action of probiotics. State the criteria for selection of probiotics in the poultry industry. 5
b) Describe the potential effect of veterinary drug residue used in poultry production. 5
3. Write short note on (**answer any four**): 2.5×4=10
 - a) Anticoccidial drug
 - b) Monensin
 - c) Terminal disinfectant
 - d) Tylosin
 - e) Fluoroquinolone
4. State the treatment of following (**any four**): 2.5×4=10
 - a) Infectious Coryza.
 - b) Brooder pneumonia.
 - c) Chronic Respiratory Disease.
 - d) Fowl cholera.
 - e) Fowl Paratyphoid.
5. Differentiate between the following (answer any four): 2.5×4=10
 - a) Bactericidal and Bacteriostatic.
 - b) Taeniafuge and taeniocide
 - c) Preventive therapy and therapeutic treatment.
 - d) Prebiotic and probiotic.
 - e) Immunostimulant and immunosuppressive.

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6. State the mechanism of action and dose of following drugs in poultry. (*Answer any four*)

2.5×4=10

- a) Albendazole
- b) Piperazine
- c) Enrofloxacin
- d) Gentamicin
- e) Cephalexin

7. State side effects of following drugs (*Answer any four*):

2.5×4=10

- a) Tetracyclines
- b) Chloramphenicol
- c) Neomycin
- d) Carbon tetrachloride
- e) Diamfenetide

8. Describe the treatment and preventive therapy of the following fungal diseases.
(*Answer any four*)

2.5×4=10

- a) Aspergillosis
 - b) Mucormycosis
 - c) Candidiasis
 - d) Favus
 - e) Histoplasmosis
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