

M.Sc. (Ag.) Examination, 2019

Semester-II

Animal Science (Poultry)

Course : PSC-514

(Poultry Medicine and Preventive Measures)

Time : 3 Hours

Full Marks : 50

Questions are of value as indicated in the margin

Answer **any five** questions

1. Define Bio security. State different components of bio security measures in poultry farm. 3+7=10
 2. Describe vaccination schedule for layer and broiler poultry. 5+5=10
 3. What are the common disinfectants used in poultry farm? State their mechanism of action. 5+5=10
 4. Describe importance of use of poultry drinking water sanitiser and different options. 5+5=10
 5. Describe aetiology, mode of transmission, symptom, post mortem lesion and preventive measures of Duck plague and Ranikhet disease. 5+5=10
 6. Write short note on (**any four**) : 2.5×4=10
 - i) Carcass disposal ii) Fumigation iii) Chlorine dioxide
 - iv) Live attenuated vaccine v) Biofilm vi) Physical method of disinfection vii) Thiamin deficiency
 - viii) Selenium deficiency
 7. Write down the mechanism of action and side effect of the following : 2.5×4=10
 - i) Tetracycline ii) Gentamycin iii) Chloramphenicol iv) Neomycin v) Enrofloxacin
 - vi) Erythromycin vii) Cephalexin viii) Amoxycillin
 8. Describe the characteristic post mortem lesion preventive and therapeutic treatment of the following diseases (**any four**) : 2.5×4=10
 - i) Duck cholera ii) Colibacillosis iii) Pulorum disease iv) Chronic Respiratory Disease (CRD)
 - v) Coccidiosis vi) Infectious coryza vii) Fowl cholera viii) Aspergillosis
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