

M.Sc. Examination, 2018
Semester-II
Animal Science (Poultry)
Course: PSC-514
(Poultry Medicine and Preventive Measures)

Time: Three Hours

Full Marks: 50

Questions are of value as indicated in the margin.
Answer *any five* questions.

1. Define probiotic with example. State the mechanism of action of probiotic. Describe different probiotics used in poultry industry. 2+3+5=10
2. Describe vaccination schedule of Poultry. State the procedure following a disease outbreak. 5+5=10
3. Which are indicators of birds infected with following diseases (*any four*): 2.5x4=10
 - i) Ranikhet
 - ii) Gumboro
 - iii) Fowl cholera
 - iv) Coccidiosis
 - v) Pullorum disease
4. State the treatment of the following (*any four*): 2.5x4=10
 - i) Colibacillosis
 - ii) CRD
 - iii) Infectious Coryza
 - iv) Fowl Typhoid
 - v) Ulcerative enteritis (Quail Disease)
5. Write short notes on (*any four*): 2.5x4=10
 - i) Anticoccidial drug
 - ii) Iodophors
 - iii) Cephalixin
 - iv) Bacitracin
 - v) Tylosin
6. State the mechanism of action and dose of the following drugs in poultry (*any four*): 2.5x4=10
 - i) Levamisole
 - ii) Enrofloxacin
 - iii) Tetracycline
 - iv) Tylosin
 - v) Gentamycin
7. Differentiate between (*any four*): 2.5x4=10
 - i) Bactericidal and Bacteriostat
 - ii) Agonist and Antagonist
 - iii) Cephalixin and Cefotaxime
 - iv) Taeniophage and Taeniocide
 - v) Active transport and Passive Diffusion
8.
 - i) Define disinfectant. Classify disinfectant with mechanism of action.
 - ii) State the importance of options of Poultry drinking water sanitation. 5+5=10