

M.Sc. (Ag.) Examination, 2019

Semester-II

Animal Science (Poultry)

Course : PSC-505

(Breeder Stock and Hatchery Management)

Time : 3 Hours

Full Marks : 50

Questions are of value as indicated in the margin

Answer **any five** questions

1. a) What are the different methods of incubation?
b) Write the merits and demerits of the different methods. 4+6=10
 2. a) What are the points to be consider for selection of eggs for incubator?
b) Mention the temperature and humidity requirement during Incubation and hatching. 6+4=10
 3. a) Enumerate the different brooding systems adopted in poultry.
b) Write down the methods of mating in poultry. 5+5=10
 4. a) What are the different types of abnormal eggs?
b) Mention the incubation period (days) and egg weight (gm) for fowl, duck, quail and guinea fowl. 5+5=10
 5. a) Write down the different hatchery borne diseases.
b) How it affects the economic aspect in poultry farming? 6+4=10
 6. a) How breeder stock is maintained?
b) Mention the salient features of breeder stock. 4+6=10
 7. Write short notes on (**any four**): 2.5×4=10
 - a) Brooding Management
 - b) Candling
 - c) Debeaking
 - d) Green diarrhoea
 - e) Fumigation
 - f) Hatchability
 - g) Commercial stock
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