

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
BSc DEGREE EXAMINATION DECEMBER 2019  
(Sixth Semester)  
Branch - ZOOLOGY

**CORE ELECTIVE - II: ECONOMIC ZOOLOGY II**

Time : Three Hours

Maximum : 75 Marks

**SECTION-A (20 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** marks ( 10 x 2 = 20)

- 1 Comb foundation sheet.
- 2 Italian bee.
- 3 Propolis.
- 4 Entomophily.
- 5 Debeaking.
- 6 Feed additives of poultry . ,
- 7 New castle disease.
- 8 Coccidiosis.
- 9 Farm eggs.
- 10 Hatchery.

**SECTION - B (25 Marks)**

Answer **ALL** Questions

**ALL** Questions Carry **EQUAL** Marks ( 5 x 5 = 25)

- 11 a Explain the mechanism of sex determination in honey bees.  
OR  
b Discuss different types of bee hives.
- 12 a How will you manage honey bees during dearth period?  
OR  
b Bring out any two natural enemies of honey bees.
- 13 a Evaluate advantages and disadvantages of cage rearing.  
OR  
b Enumerate the principles to be followed during the construction of poultry house.
- 14 a Analyze the causative agents of fungal diseases of poultry.  
OR  
b Evaluate various symptoms of salmonellosis disease of poultry.
- 15 a 'Egg is a vegetarian food' - substantiate .  
OR  
b Discuss the need for egg grading.

**SECTION - C (30 Marks)**

Answer any **THREE** Questions

**ALL** Questions Carry **EQUAL** Marks ( 3 x 10 = 30)

- 16 Analyse various duties of worker bees.
- 17 Explain various products of apiculture.
- 18 Give an account on deep litter system and mention its advantages.
- 19 Write an essay on Vaccination programme given to poultry.
- 20 Analyse various methods adopted for storage and preservation of eggs.