



Q1: Define the following terms (Answer only five): (25)

Segregation of genes , English Class, breeding value, contour feather, Epistasis, Asiatic class, Down feather.

Q2/A: write types of the wild fowl? (10)

Q2/B: Explain the situation of silver and gold plumage? (15)

Q3: Fill in the following blanks: (32)

1. There are four systems for sex determination ,-----
,-----,-----,-----.
2. All birds are covered with feathers collectively called -----.
3. ----- extending from the barbs in birds feather.
4. The genotype of the rose comb is ----- and walnut comb is ----- .
5. The genotype of the Colombian feather is -----.
6. The ----- pigment is responsible for yellow skin color in chickens.
7. The meat , egg and dual purpose types of chicken are referred to the ----- classification.
8. The gene that affected to the presence of muffs and beard in the chicken is ----- and the symbol is -----.
9. The gene responsible for white leg color is -----.
10. The gene responsible for silky plumage in chicken is ----- and the symbol is -----.

Q5: Mention type of Epistasis? And explain the dominant and recessive epistasis in the mating between white leghorn (IICC) and white Wyandotte (iicc) . (18)

GOOD LUCK

Parizan Wshyar

Assist.lecturer

