

**Syllabus  
for  
Animal Science (Poultry)  
(SCQP30)**

**Note:**

- i. *The Question Paper will have 75 questions.*
- ii. *All questions will be based on Subject-Specific Knowledge.*
- iii. *All questions are compulsory.*
- iv. *The Questions will be Bilingual (English/Hindi).*

## **Animal Science (Poultry) (SCQP30)**

### **1. Importance of Agriculture/Fishery/Livestock in National Economy:**

Principle of crop ecology and crop adaptation, climate shift and its ecological implications. Agro-ecological regions in India. Geographical distribution of Livestock, Green House effect, Climatic factors and their effect on livestock and animal productivity, Role of GIS and GPS in agriculture. Major diseases of cattle and poultry and their management. Important rural development programmes in India, organisational set up of Animal Science research, education and extension in India; Elements of statistics.

### **2. Genetics and Animal Breeding:**

Biostatistics and computer applications, Principles of Genetics and Population Genetics, Livestock & Poultry Breeding.

### **3. Livestock Economics:**

Livestock Production Economics, Marketing and price analysis, Finance and Project Management, Benefit-cost analysis, Project & Policies.

### **4. Animal Husbandry Extension Education:**

Livestock based livelihoods & their evolution, extension education & development, rural sociology in veterinary extension, transfer of technology for livestock development, communication and extension teaching methods, livestock entrepreneurship.

### **5. Food Technology:**

Livestock and Poultry food processing, industries/institutions. Food presentation and storage, Food microbiology.