

**UPSC CSE Subjective  
For Veterinary Science**

**ANIMAL NUTRITION**

**UNIT 7**

# PYQ

- 1. Discuss the formulation of a balanced diet in sheep reared for wool production? (2012)**
- 2. Explain the mode of feeding and management practices of young piglets particularly for piglet anaemia and piglet diarrhoea? (2014)**
- 3. What are the feeding habits of goats? Enlist the common feed and fodder for goats? (2015)**
- 4. What feeding practices are suggested for adult female pigs? (2015)**
- 5. How will you design an economic ration of pigs for production of lean meat? Explain? (2016)**
- 6. Discuss the feeding habits of goats and write the commonly available feed and fodder for goats in India? (2020)**
- 7. Write in brief about the feeding management of goat kids from birth to three months of age? (2020)**
- 8. Write about the feeding of swine for lean meat production and its importance in human health? (2021)**
- 9. Describe the formulation of least cost ration for swine?(2022)**
- 10. Describe the feeding of ewe flock during gestation and suckling period? (2022)**
- 11. Describe the significance,composition and physical forms of creep feed in piglets? (2023)**

## **Feeding of goats for meat and milk production**

- **Characteristics of Goat Feeding**
- **Commonly available feed and fodder for goats in India**
- **Feeding of Kids**
  - **Colostrum Feeding (Before 15 Days)**
  - **Starter Ration**
  - **Milk Replacer (If Dam Died)**
- **Feeding Pregnant Goats**
- **Feeding Lactating Goats**
- **Feeding of Goats for meat production**
- **Feeding of goats for milk production**
- **Tethering of Goats**

# Feeding of sheep for meat and wool production

- **Characteristics of sheep feeding**
- **Feeding lambs for meat production**
- **Feeding of Pregnant Ewes**
- **Feeding of Lactating Ewes**
- **Nutritional Requirements for Wool Production**
- **Formulation of a balanced diet in sheep reared for wool production :**
  - **Roughage**
  - **Concentrate Feed**
  - **Protein Sources**
  - **Energy Sources**
  - **Vitamins and Minerals**

# **Nutrient requirements of swine**

- **Piglets Feeding**
  1. **Creep Ration**
  2. **Starter Ration**
  3. **Grower Ration**
- **Management Practices for Piglet Anemia**
- **Management Practices for Piglet Diarrhea**
- **Significance of Creep Feed**
- **Physical Forms of Creep Feed: Mash, Pellets, and Crumble Feed**

- **Gestation Ration for Sows**
- **Feeding Lactating Sows**
- **Feeding Breeding Boars**
- **Feeding pigs for lean meat production**
  1. Protein Content
  2. Energy Levels
  3. Limit Fat
  4. Amino Acid Balance
- **Low-cost swine rations**
  - Grains & Legume Hays
  - Agricultural Byproducts
  - Local Protein Sources
  - Fermented Feeds
  - Kitchen Scraps