

Model Question Paper 2021-22
Class - XII
Agriculture – Animal Husbandry and Animal Veterinary Science
Only for the students of Agriculture part – 2

Time – 3:15 Hours

M.M - 50

Note: Early 15 minutes for students to read the question paper.

Instruction : All the Questions are compulsory.

Long Answer Type Questions-

1. What are the methods to find the age of a cow? Describe in detail. 6
Or
Write the place of origin, main features and utility of the following-
(i) Haryana
(ii) Murra
(iii) Jamuna Pari
(iv) Bhadavari
(v) Holstein Frujian
2. What is the relation of the external body structure of the cow with its physiological function? 6
Or
A hybrid cow of 500 kg body weight gives 15 liters of milk daily. Calculate its balanced diet of one day in January month.
3. How is the animal house made cleaned and germ free? Explain. 6
Or
What is silage? How will you make silage and what are the different methods of making silage?

Short Type Questions-

Write in brief the following Questions -

4. **Methods** of castration in male calf. 4
5. Write the different methods of dehorning. 4
6. **Write the importance of livestock in agriculture.** 4

Very Short Answer Type Questions-

7. **Write the advantages of artificial insemination** 2
8. **Write the difference between indigenous cow and foreign cow.** 2
9. Discuss the dental formulas of Ruminant animals. 2
10. **Write the use of trocar and cannula device.** 2
11. Explain the causes of milk fever disease in animals. 2

Multiple Choice Questions –

12. Select the correct answer from the following and write it in your answer sheet –

- (i) What is the duration of pregnant Gangatiri cow? **1**
(A) 145 days (B) 280 days
(B) 250 days (D) 310 days
- (ii) What are the factors in occurrence of hoof mouth disease in animals? **1**
(A) Bacteria (B) Parasite
(C) Virus (D) Fungus
- (iii) Which is a hybrid breed of buffalo? **1**
(A) Mehsana (C) Jafrobadi
(B) Surti (D) Bhadavari
- (iv) Goats have a gestation period of **1**
(A) 115- 120 days (B) 65- 75 days
(C) 175- 180 days (D) 145- 150 days
- (v) In how much time should the placenta of a cow fall after delivery? **1**
(A) 2-4 hours (B) 7- 8 hours
(C) 5-6 hours (D) 9- 10 hours

13. Fill in the blanks-

- (i) To bull the animal down, the best method is **1**
- (ii) The instrument, used to find out the adulteration of water in milk, is called **1**
- (iii) The temperature of °C is kept in electric dehorning. **1**
- (iv) The family of a goat is **1**
- (v) percent dry matter is found in the lush green fodder. **1**

14. Fill in the blanks.

- (i) Modified Reupus method
- (ii) Lactometre
- (iii) 540 °C
- (iv) Bavidae
- (v) 20- 25%