**AGRICULTURE FORM 3**

**MID-TERM EXAM**

**TERM 1, 2024**

 **MARKING SCHEME**

1. –use of swam net

-use catcher box

1. -Breech position /malpresentation
2. -inbreeding

 -outbreeding

4. . **Advantages of AI**

- Easy to control inbreeding

 - Controls breeding diseases.

 - Semen from one superior bull can be used to serve many cows.

 - semen can be stored for long. (4 x ½ = 2 mks)

 5. **Identification methods**

- Branding

 - Ear tagging

 - Tattooing

 - Ear notching

 - Straps and chains (4 x ½ = 2 mks)

6. (i) **Flushing** – extra feeding of female livestock with high quality feeds done before and after mating to increase chances of conception(1 x 1 = 1mk)

 (ii) **Crutching -** Clipping of wool around the female (ewe) vulva to facilitate mating. (1 x 1 = 1mk)

 (iii) **Ringing -**  Trimming/clipping of wool around the pennies sheath of the rams to facilitate mating and reduces infections. (1 x 1 = 1 mk)

(iv) **Raddling -**  Application of coloured paste on the underside of a ram; helps to detect ewes that have been served. (1 x 1 = 1 mk)

7 .use of rubbering and elastrator

Use of caustic potash stick (potassium hydroxide )

Use of disbudding iron

Use of dehorning saw or wire

Use of dehorning collodion

 8.**Uses of a crush**

- Milking

 - Vaccination

 - Castration

 - Insemination

 **-**preventing disease and worm infection

**9.**-feed the queen, the drones and the brood

 **-**protect the hive from intruders

 **-**collect nectar, pollen, trees resins, gums and water.

 **-**clean the hive

 **-**make honey and beeswax.

**10.**-Mass selection

 **-**progeny testing

 **-**contemporary comparison

**SECTION B**

**11**

1. raddling

(1mk)

1. - Helps in keeping accurate records and breeding/ indicates which

male served with female (ram/ truck/dice

- Detects unserved/ unmated doelene(senates)

- Helps to know which male are infertile

- Helps to know the size of each off giving

12.

13.

14.

15.

16.

17-Provides nutrients for good fetal growth

 -Builds up energy for parturition

 -Ensures birth of healthy offsprings

 -Improves health of the mother

 -Maintains high milk yield after birth

18.

 - Makes them docile

 - Breeding is controlled

 - Breeding diseases is controlled

 -Steers fatten faster

19.a)-ear notching

 b) -ear notcher

 c) -ear tagging

 -ear tattooing

d) 130

e)Drawing mark as a whole