**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