

PRE-VOCATIONAL EDUCATION

(1a) Describe 3 types of rations.

(i) Balanced ration: This ration contains all the classes of food in adequate amount and in the right proportion.

(ii) Production ration: They are rations given to animals for growth and to produce meat, milk, egg and wool.

(iii) Maintenance ration: This is the ration required by an animal to produce energy to maintain all the metabolic processes e.g., respiration, digestion, blood circulation.

(b) Explain two types of feeds.

(i) Concentrates: These are energy giving feeds with low fiber content.

(ii) Roughages: They are feeds with high fiber content.

(c) Mention 5 feeding tools.

(i) Feeding troughs

(ii) Water troughs

(iii) Hay racks

(iv) Shade

(v) Drinking sets.

(2a) Mention 5 animal diseases under the following:

(1) Causative organism (2) Symptoms (3) Prevention and Control

(1) MASTITIS

Causative organism -----Bacteria

Symptoms:

(i) High temperature

(ii) Swollen udder

Prevention and Control: (i) Good milking practice

(ii) Good sanitation measures

(2) ANTHRAX

Causative organism-----Bacteria

Symptoms: (I) Death

(ii) Diarrhoea

(iii) Blood stained faeces

Prevention and Control: (i) Isolation

(ii) Kill, burn and bury infected animals

(iii) Vaccination

(3) RINGWORM

Causative organism-----Fungi

Symptoms: (i) Ringed shaped patches on the surface of skin.

(ii) Loss of hair and weight

Prevention and Control:

(i) Apply Sulphur containing drugs on the affected part regularly.

(ii) Good sanitation measures

(4) FOOT AND MOUTH DISEASE

Causative organism-----Virus

Symptoms:

(i) Sores and blisters on feet, tongue and udder

(ii) High fever

Prevention and Control: (i) Vaccination

(ii) Isolation

(5) COCCIDIOSIS

Causative organism-----Protozoa

Symptoms: (i) Blood stained faeces

(ii) Reduction in egg production

(iii) Loss of weight

Prevention and Control: (i) Use of Coccidiosis test

(ii) Avoid wet litter and feed.