

20.2 Agriculture Paper 2 (443/2)

SECTION A (30 marks)

1. Maintenance practices for a disc plough.
  - cleaning after use
  - painting the frame
  - greasing the moving parts.
  - repair/replace broken/worn out parts.
  - oiling the metal parts on long storage.
  - proper storage.

(4 x ½ = 2 marks)
  
2. Selection of breeding stock.
  - Progeny testing.
  - Mass selection.
  - Contemporary comparison.

(3 x ½ = 1 ½ marks)
  
3. Advantages of using animal power.
  - Animals are cheap to acquire.
  - Require less skilled labour.
  - Can be used on small holdings.
  - Are appropriate in very steep areas.

(4 x ½ = 2 marks)
  
4. (a) Blue ticks - Anaplasmosis.  
(b) Brown ear ticks - E.C.F  
(c) Tsetse flies - Trypanosomiasis (nagana)

(3 x ½ = 1 ½ marks)

  
5. Control methods for roundworms.
  - Use of anthelmintics/drenching
  - Rotational grazing
  - Proper disposal of faeces/hygiene
  - Ploughing/burning of pasture.

(4 x ½ = 2 marks)
  
6. (a) Disease: Any deviation or alteration in the state of animal body or its organs which interferes with proper performance of its functions.  
  
(b) Vaccination: Is the administration of a weakened or killed disease causing agent into the animal to induce production antibodies for immunity against the disease.

(2 x 1 = 2 marks)
  
7. Maintenance practices for a battery.
  - Topping with distilled water to maintain correct level of electrolyte.
  - Cleaning the terminals and smearing them with grease to prevent corrosion.
  - Tightly fix the battery in a box to prevent spillage and damages.
  - Regular charging.
  - Empty contents and turn it upside down on long storage.
  - Should be fitted correctly on the tractor.

(3 x ½ = 1 ½ marks)



17. Signs of mite attack in poultry.
- Irritation/scratching of the body.
  - Anaemia.
  - Presence of mites below the plumage in patches.
  - Falling off of feathers.
  - Dermatitis due to burrowing effects.
  - Formation of crusts.

(4 x = 2 marks)

18. Advantages of natural feeding in calf rearing.
- Calf takes milk at body temperature.
  - Milk is free from contamination
  - It prevents scouring in calves.
  - Milk is provided ad libitum.

(3 x = 1 marks)