

Q1.

Total: 10 marks

(a)	
<i>Any two:</i> Provided with the correct amount of palatable food and fresh water/ should have appropriate shelter with a place to rest, adequate space and a suitable temperature/ diseases and illnesses should be prevented where possible and vet treatment given if required/ adequate space and housed with animals of similar age in order to express normal behaviour/ any husbandary practices should be carried out in appropriate handling facilities without causing undue stress to the animal	2(2)
(b) (i)	
The disease must be reported to the DAFM	2
(ii)	
Sheep scab/ brucellosis/ foot and mouth/ african swine fever/ swine influenza/ bse/ bvd	2
(iii)	
Highly contagious/ cause significant damage to productivity/ can be dangerous to life	2

Q2.

Total: 10 marks

(a) (i)	
Naval ill	1
(ii)	
Bacteria	2
(iii)	
Antibiotics	2
(iv)	
Dip naval in iodine	1
(b) (i)	
Can be transmitted between animals and humans	2
(ii)	
<i>Any two:</i> Orf/ tuberculosis/ brucellosis/ Salmonella/ Cryptosporidiosis	2

Q3.

Total: 20 marks

(a)	
<i>Any three:</i> Maintain good hygiene/ ensure sufficient colostrum intake after birth/ vaccinate/ manage nutrition to prevent deficiency diseases/ grassland management/ keep a closed herd/ cull infected animals/ avoid overcrowding	3(2)
(b) (i)	
Endoparasite: Lives inside the body of the host and causes harm Ectoparasite: Lives on the outside of the body of the host and causes harm	2(2)
(ii)	
Endoparasite: Liverfluke/ hoose/ stomach worms/ nematodirus/ coccidiosis Ectoparasite: fly strike/ mange mite/ tick	2(1)

(iii)	
Prevention: Good hygiene/ Dose/ Rotational grazing (nematodirus/coccidiosis) / Drain waterlogged areas (liver fluke)/ Introduce geese (liver fluke)/ Docking (fly strike)/ Dagging (fly strike)/ Dipping (fly strike/mange mite) Treatment: Dose/ Pour on	2(1)
(c) (i)	
Bacteria	2
(ii)	
Increase in SCC/ Reduced milk yield/ Swelling/ Inflammation/ Clots in milk/ High temperature/ Foul smelling discharge from infected udder	2(2)