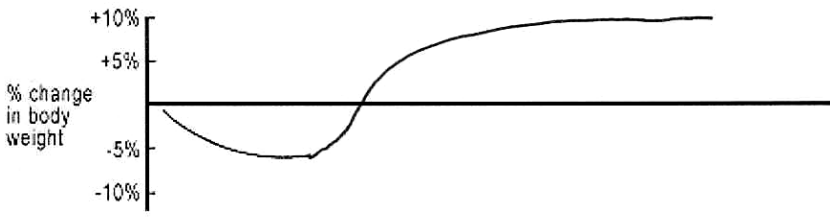


The maximum mark for this test is **39**.

Tests for this unit will carry **36** marks. This specimen test has **39** marks.

Question Number	Answer	Max Mark
1	E (AO1)	[1]
2	C (AO1)	[1]
3	B (AO1)	[1]
4	D (AO1)	[1]
5	A (AO2)	[1]
6	D (AO2)	[1]
7	C (AO1)	[1]
8	500 eggs per month =£50 per month 4500/50 = 90 months or 7 (AO2)	[1]
9	A (AO1)	[1]
10	A (AO2)	[1]
11	A cross between two pure bred animals or plants where the parents are a different breed or variety to one other. (AO1)	[1]
12	<p>Problem: mastitis (AO1) Cause: bacteria Treatment: tube with antibiotic</p> <p>Problem: lice (AO1) Cause: external parasite Treatment: dust with insecticide</p> <p>Problem: roundworm (AO1) Cause: internal parasite Treatment: dose with Anthelmintic</p>	[3]
13	B (AO2)	[1]
14	3:1 because this means the animal only eats 3 kg of food to put on 1 kg meat compared with 5 kg food at 5:1. (AO2)	[1]
15	Sunken eyes, poor coat, ribs showing, head down, tail between legs - any two. (AO2)	[2]
16	B (AO1)	[1]
17	D (AO1)	[1]
18	PP, Pp, - 100% 1 mark for each. (AO2)	[3]
19	PP, Pp, pp - 75% deduct 1 mark for each error. (AO2)	[3]
20	Deduct 1 mark for each error. (AO2)	[3]
21	 <p>(AO2)</p>	[1]

Question Number	Answer	Max Mark
22	Because the cow is putting most of her food energy into milk production, not growth. (AO2)	[1]
23	Choosing the best stock to breed from to produce the desired characteristics in the offspring. (AO1)	[1]
24	Using a specific example, one mark per valid point e.g. for milk yield choose cows with the highest milk yield, cross with bulls shown to produce daughters with high milk yield, to produce calves with higher milk yield than the parent. Repeat over several generations to gradually increase yield. Could also use egg production or growth rates in meat animals. (AO1)	[3]
25	Max 3 marks – 1 mark each for AI, genetic engineering, embryo transplants, fertility drugs, drugs to synchronise oestrous. 1 mark – for any valid argument for or against. (AO2)	[4]
Total		[39]