Question 26 (7 marks)

(a)   Why do pigs produce less methane than cattle or sheep?   3

Pigs are a monogastric animal
which are more efficient animal
than cattle and sheep which are
ruminant animals.

(b)   Explain, using an example, how an animal's feed can be adjusted to meet   4
changing energy and protein requirements.

When feedlot animals start on
a ration, it is high carbohydrate
and low protein. This is changed
gradually, allowing microflora in the
stomach to adjust to a high protein
low carbohydrate diet allowing the
animal to gain maximum weight.