Question 26 (7 marks)

(a) Why do pigs produce less methane than cattle or sheep?
Pigs are MONOgastrics as apposed to Sheep+
Cattle who are ruminants. This means that digest—
I on 1s more effectent as it is done more quickly and autonomously. In Ruminants microbes produce methane as they break down cellulose.

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

By Using forms of by-pass protein and satisfied. Protein needs increasing need for protein can be such as aestation or growth in a young animal. By-pass protein by-passes the function of the rumen and is digested instead by the abomasum or "true stomach" where it is broken down into amino auds where it can be quickly utilised by the animal flor the growth of the foctus or muscle in the young animal.)