

Question 26 (7 marks)

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

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Pigs are omnivorous monogastric which gain energy from their diet with less methane production than that of a ruminant.

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

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beef cattle are fed a changing diet to suit the animal's age & protein synthesis rates to ensure excessive protein is not wasted on older animals which reached their growth potential. which can then be changed to either fatten or finish a cow near slaughter to conserve feed.