

LIVESTOCK PRODUCTION (II) – NUTRITION

1. **1995**
What is a production ration as used in animal nutrition? (1 mark)
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2. **1995**
Name two groups into which vitamins are classified. (1 mark)
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3. **1996**
State 3 factors that influence the amount of water intake by a farm animal. (1½ marks)
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- 4 **1996**
(a) Differentiate between a roughage and a concentrate feed in animal nutrition. (2 marks)
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(b) State three ways in which a production ration may be utilized by cattle. (3 marks)
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5. **1998**
Give four characteristics of a livestock roughage feedstuff.
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6. 1998
Outline four functions of proteins in the body of an animal. (2 marks)

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7. 1999
Outline four factors that determine the nutritional requirements in cattle (2 marks)

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8. 2000
Give 4 functions of calcium in dairy cow. (2 marks)

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9. 2001
State four factors that are considered when formulating a livestock ration (2 marks)

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10. 2002
(a) Explain the term “production ration” as used in livestock productions. (1 mark)

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(b) State four factors which determine the amount of feed an animal can consume. (4 marks)

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11. **2004.**
State three reasons for feeding livestock. (1½marks)

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12. **2006 Q13 P2**
Name two functions of the crop in the digestive system of chicken. (1 mark)

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13. **2006 Q20 P2**
(a) Define the term digestible Crude Protein (DCP) (½ mark)

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(b) A farmer wanted to prepare a 200kg of calf rearing ration containing 20% DCP. Using the Pears Square Method, calculate the amount of Maize containing 10% DCP and Sunflower containing 35% DCP the farmer would need to prepare the ration. (Show your work) (4 marks)

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14. **2007 Q5 P2**
State three factors that would determine the amount of concentrate fed to dairy cattle. (1 ½ marks)

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15. **2008 Q1 P2**
State four factors that determine the amount of water required by livestock. (2 marks)

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16. 2008 Q13 P2

Name the part of poultry digestive system in which cellulose is digested (1/2 mark)

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17. 2009 Q23b P2

(b) Describe the process of digestion in the following sections in the alimentary canal of a non-ruminant animal:

(i) Mouth (1 mark)

(ii) Stomach (3 marks)

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(iii) Small intestine (6 marks)

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18. 2010 Q5 P2

State **four** characteristics of roughage livestock feeds. (2 marks)

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19. 2010 Q6 P2

State two functions of the crop in poultry digestive system. (1 mark)

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20. 2010 Q26c P2

(c) Explain **five** functions of water in nutrition. (5 marks)

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21. 2012 Q22c P2

(c) Giving a relevant example in each case, describe the role of the various components of a balanced diet in livestock nutrition. (10 marks)

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