"Investing in Africa's future"

COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES

NAAS 212: ANIMAL PRODUCTION

NOVEMBER/ DECEMBER 2020

LECTURER: MR. P. B. MUVHURINGI

DURATION: 24 HRS

INSTRUCTIONS

1. Download the examination paper from MOODLE and work offline

2. Choose and answer **One** question

3. Upload your response onto the Moodle platform

Question One

a) Identify and explain the reasons for low off-take of beef cattle from communal areas. [20]

b) Give advice to a farmer on management of broilers from day old up to slaughter. [20]

c) Compare and contrast the Large white breed and the Mukota breed of pigs. [20]

d) Describe the features of the following sheep breeds;
   i) Black Head Persian (BHP). [20]
   ii) Dorper. [20]

Question Two

a) Discuss the factors which affect egg quality in layers production. [25]

b) Giving examples, highlight the role Non Protein Nitrogen (NPN) compounds in ruminants. [25]

c) Discuss the nutritional challenges which are confronted when feeding the transition dairy cow. [25]

d) Compare and contrast the process of silage making and urea treatment. [25]

Question Three

a) Outline the factors that are considered when choosing a dairy breed. [25]

b) Compare and contrast the production systems which are used in layers production. [25]

c) Discuss the pre-fattening management activities and the factors considered when selecting animals for fattening. [25]

d) Suggest and recommend appropriate feeding for a transition dairy cow to prevent the occurrence of metabolic disorders. [25]

END OF EXAMINATION PAPER