Enrollment No.....................................

Faculty of Agriculture
End Sem (Odd) Examination Dec-2019
AG3CO24 Livestock and Poultry Management
Programme: B.Sc. (Ag.)   Branch/Specialisation: Agriculture

Duration: 3 Hrs.   **Maximum Marks: 50**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d.

Q.1 i. How much percentage of livestock sector contributes GDP in national economy?   **1**
(a) 4.11%   (b) 7.5%   (c) 10.10%   (d) 25.56%

ii. What is purity percentage found in 7th generation of grading up method?   **1**
(a) 93.75%   (b) 96.88%   (c) 99.22%   (d) 99.99%

iii. Which cow is popular for swaichal?   **1**
(a) Sahiwal   (b) Gir   (c) Kankrej   (d) Hariyanvi

iv. Which buffalo breed is known for high fat production?   **1**
(a) Surti   (b) Nagpuri   (c) Nilli   (d) Bhadawari

v. Calcium and Phosphorous are examples of what type of nutrients   **1**
(a) Vitamins   (b) Antibioties
(c) Hormones   (d) Minerals

vi. How much space should be provided for each shed of animal?   **1**
(a) About 20 m   (b) < 20 m
(c) 10 m   (d) 30 m

vii. Total recognized breeds of poultry in India.   **1**
(a) 26   (b) 40   (c) 16   (d) 24

viii. What is the average age of cow and buffalo?   **1**
(a) 15 year   (b) 17 year   (c) 22 year   (d) 27 year

ix. Which is the disease in which animal temperature decreases to its normal temperature?   **1**
(a) Anthrax   (b) Rinderpest
(c) Foot and Mouth   (d) Milk Fever

P.T.O.

x. Which disease is caused by deficiency of Fe?   **1**
(a) Pica disease   (b) Goiter disease
(c) Anemia   (d) Milk Fever

Q.2 i. What is animal husbandry?   **1**
ii. Define the grading up method of reproduction.   **2**
iii. What is the role of livestock in the national economy?   **5**
OR iv. Describe the different method of making animal housing.   **5**

Q.3 i. What is hatching?   **1**
ii. Write the management of goat & Sheep.   **3**
iii. Write the detail about Murrah and Bhadawari breeds of buffalo.   **4**
OR iv. Write the detail about Holstein Friesian and Jersey cow.   **4**

Q.4 i. Write the principle of animal feeding.   **2**
ii. Write down the classification of fodder.   **6**
OR iii. Write the functions of nutrients in animal body.   **6**

Q.5 i. What is Ration?   **2**
ii. Write the composition of animal body.   **2**
iii. Write down the feeding management of following: **4**
(a) Calf   (b) Bull
(c) Milch Cow   (d) Reproductive animal
OR iv. Write the difference between Hay and Silage.   **4**

Q.6 Attempt any two:
i. Write the common symptoms of sick animals.   **4**
ii. Write the classification of disease on the basis of genesis.   **4**
iii. Write the pathogen name, Symptoms and control measures of the following disease.   **4**
(a) Rinderpest   (b) Foot and Mouth disease.

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Marking Scheme
AG3CO24 Livestock and Poultry Management

Q.1   i.   How much percentage of livestock sector contributes GDP in national economy?   **1**
(a) 4.11%

ii.   What is purity percentage found in 7th generation of grading up method?   **1**
(c) 99.22%

iii.   Which cow is popular for swaichal?   **1**
(c) Kankrej

iv.   Which buffalo breed is known for high fat production?   **1**
(b) Nagpuri

v.   Calcium and Phosphorous are examples of what type of nutrients   **1**
(d) Minerals

vi.   How much space should be provided for each shed of animal?   **1**
(a) About 20 m

vii.   Total recognized breeds of poultry in India.   **1**
(d) 24

viii.   What is the average age of cow and buffalo?   **1**
(c) 22 year

ix.   Which is the disease in which animal temperature decreases to its normal temperature?   **1**
(d) Milk Fever

x.   Which disease is caused by deficiency of Fe?   **1**
(c) Anemia

Q.2   i.   Definition   1 mark   **1**
ii.   Grading up method of reproduction.   (1 mark*2)   **2**
iii.   Role of livestock in the national economy   (1 mark*5)   **5**
OR   iv.   Describe the different method of making animal housing.   **5**
(1 mark*5)

Q.3   i.   Define hatching   1 mark   **1**
ii.   Management of goat   1.5 marks   **3**
Management of Sheep.   1.5 marks

iii.   Murrah breeds of buffalo   2 marks   **4**
Bhadawari breeds of buffalo.   2 marks
OR   iv.   Holstein Friesian   2 marks   **4**
Jersey cow.   2 marks

Q.4   i.   Principle of animal feeding.   (1 mark*2)   **2**
ii.   Classification of fodder.   (3 marks*2)   **6**
OR   iii.   Functions of nutrients in animal body.   (1 mark*6)   **6**

Q.5   i.   Definition of Ration (As per answer)   2 marks   **2**
ii.   Composition of animal body.   (1 mark*2)   **2**
iii.   Write down the feeding management of following: **4**
(a) Calf   1 mark
(b) Bull   1 mark
(c) Milch Cow   1 mark
(d) Reproductive animal   1 mark
OR   iv.   Hay   2 marks   **4**
Silage.   2 marks

Q.6   Attempt any two:
i.   Symptoms of sick animals.   (1 mark*4)   **4**
ii.   Classification of disease on the basis of genesis.   (1 mark*4)   **4**
iii.   Write the pathogen name, Symptoms and control measures of the following disease.   **4**
(a) Rinderpest   2 marks
(b) Foot and Mouth disease.   2 marks

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