

SRI VENKATESWARA VETERINARY UNIVERSITY
COLLEGE OF VETERINARY SCIENCE, TIRUPATI
DEPARTMENT OF ANIMAL GENETICS AND BREEDING
First Year - B.V.Sc. & A.H. COURSE
INTERNAL THEORY EXAMINATION 2013-14
AGB-111 Bio – statistics and Computer applications

PART-B

I.D.No :

Date : 15.02.2014

Max. Marks : 40

Time : 75 Min.

All questions carry equal marks

Answer any four questions

1. What is meant by measure of dispersion. Describe the various measures of dispersion with example each.
2. Explain the correlation and regression analysis. Differentiate them with respect to their application in veterinary field.
3. Write about different generations of computers. What are the possible applications of computer in the field of veterinary and animal science
4. (a) What is X^2 test? Enumerate chi-square applications and precautions to be taken in the proper use of it.
(b) Define probability and explain the addition theorem of probability with an example.
5. (a) Write the internal commands in MS-DOS.
(b) Write about the anatomy of computer.
6. Write short notes on any four of the following
 - (a) Principles of CRD
 - (b) Input devices
 - (c) Properties of normal distribution
 - (d) Arithmetic mean
 - (e) Flow chart
 - (f) Uses of 'F' test

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SRI VENKATESWARA VETERINARY UNIVERSITY
COLLEGE OF VETERINARY SCIENCE, TIRUPATI
DEPARTMENT OF ANIMAL NUTRITION
Internal Theory Examination 2013-14
ANN.111 – Principles of Animal Nutrition and Feed Technology 2+1 = 3

I.D. No. _____

Part 'B'

Time : 2 hours
Max. Marks : 100
Marks-40

Time-75min

Answer any FOUR questions. All questions carry equal marks.

1. What are feed additives? Classify them and describe their use in feeding in different livestock species. 10M
2. What are the different methods of conservation of fodders? Describe them with their uses in livestock feeding. 10M
3. Classify the minerals required by livestock and poultry. Write the functions and deficiency symptoms of phosphorus 10M
4. a. What are the differences between fat soluble and water soluble vitamins? 5M
b. Explain the functions and deficiency symptoms of Vitamin D 5M
5. a. Classify animal feed stuffs with suitable examples. 5M
b. What are the various physical and chemical methods to improve the low quality roughages and briefly describe any one of them? 5M
6. Write short notes on any four of the following 2.5 M X4= 10 M
 - a. Milk Fever
 - b. Night blindness
 - c. Soil-plant-animal relationship
 - d. Probiotics
 - e. Biological value
 - f. Van-soest analysis