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RULES AND REGULATIONS
+
FOR
B.V.Sc. & A.H.
DEGREE PROGRAMME
(AS PER V.C.I. REGULATIONS)

(Approved by Notification No.
JAU/Reg/A.C.A./Te.2/A.C.-15/46054-148/2009 Dt. 3-11-2009)



FACULTY OF VETERINARY
SCIENCE AND ANIMAL
HUSBANDRY

JUNAGADH AGRICULTURAL UNIVERSITY
JUNAGADH - 362001. (GUJARAT)

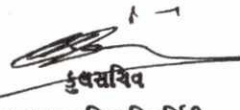
2009-10

—:: જાહેરનામું ::—

આથી સંબંધકર્તા સર્વેને જણાવવામાં આવે છે કે, તા. ૧૫.૦૮.૨૦૦૮ ના રોજ મળેલ વેટરનરી સાયન્સ એન્ડ એનીમલ હસબન્ડરી વિદ્યાશાખા અભ્યાસ સમિતીની પ્રથમ બેઠકની કાર્યનોંધના મુદ્દા નંબર ૧.૨ થી થયેલ ભલામણને ધ્યાને લઈ વિદ્યાપરિષદે તા.૨૫.૦૮.૨૦૦૮ના રોજ મળેલ ૧૫મી બેઠકની કાર્યનોંધના મુદ્દા નં.૧૫.૨૧થી B.V.Sc. & A.H. ડિગ્રી કોર્ષ ના વિનિયમોમાં સુધારા કરવા બાબતે નીચે મુજબ ઠરાવેલ છે.

" આથી ઠરાવવામાં આવે છે કે, વેટરનરી સાયન્સ એન્ડ એનીમલ હસબન્ડરી વિદ્યાશાખા અભ્યાસ સમિતીની ભલામણ ધ્યાને લઈ, B.V.Sc. & A.H. ડિગ્રી કોર્ષ માટે Veterinary Council of India, New Delhi ના Notification Dated 6th August, 2008 મુજબના એજન્ડામાં સમાવિષ્ટ સુધારેલા વિનિયમો માન્ય કરવામાં આવે છે અને શૈક્ષણિક વર્ષ ૨૦૦૮-૧૦થી તેનો અમલ કરવાની મંજૂરી આપવામાં આવે છે."

સામેલ :- ઉપર મુજબ


કુલસચિવ
જૂનાગઢ કૃષિ યુનિવર્સિટી
જૂનાગઢ

જા.નં. જુકુયુ/૨જી/એસીએ/ટે.૨/વિ.પ. - ૧૫/૪૫૦૫૪-૧૪૮/૨૦૦૮,
જૂનાગઢ, તા. ૦૩.૧૧.૨૦૦૮

નકલ સવિનય રવાના :-

(૧) વિદ્યાપરિષદના તમામ સભ્યશ્રીઓ તરફ.

નકલ જયભારત સાથે રવાના :-

- (૧) આ યુનિવર્સિટીના સર્વે અધિકારીશ્રીઓ તરફ.
(૨) આ યુનિવર્સિટીના તમામ યુનિટ / સબ યુનિટ અધિકારીશ્રીઓ તરફ.

નકલ રવાના :-

- (૧) માન. કુલપતિશ્રીના રહસ્ય સચિવશ્રી, જૂનાગઢ કૃષિ યુનિવર્સિટી, જૂનાગઢ.
(૨) કુલસચિવશ્રીના રહસ્ય સચિવશ્રી, જૂનાગઢ કૃષિ યુનિવર્સિટી, જૂનાગઢ.
(૩) જાહેરનામા ફાઈલ.

CONTENTS

Regulation No.	Particulars	Page No.
1.	Short Title And Commencement	01
2.	Definitions	02
3.	Admission Requirements	06
4.	Registration	11
5.	Curriculum Of Bachelor's Degree Programme	13
6.	Teaching System And Credit Load	14
7.	Attendance Requirement	16
8.	Discontinuance And Re-admission	17
9.	Migration Or Transfer From One Recognised Veterinary College Or Institution To Another	18
10.	Examination	19
	10.12 Internal Examination	23
	10.13 Annual Board /professional Examination	24
11.	Examiners	26
12.	Remuneration To Examiners	27
13.	Conduct Of Examination	28
	13.1. Internal Examinations	28
	13.2. Annual Board Examinations	29
14.	Nature Of Question Paper And Distribution Of Marks	30
15.	Evaluation And Declaration Of Result	31
16.	Promotion And Failure	33
17.	Re-evaluation And Rectification Of Error	35
18.	Internship	36
19.	Award Of Degree And Classes	41
20.	Grade Sheet	41
21.	Unfair Means In The Examination	41
22.	Enforcement Of Student Discipline And Good Behaviour	41
23.	General	42
24.	Disclaimer	42
25.	Appendix - I	44

JUNAGADH AGRICULTURAL UNIVERSITY JUNAGADH

RULES AND REGULATIONS FOR THE B.V.Sc. & A.H. DEGREE PROGRAMME

1. SHORT TITLE AND COMMENCEMENT

- 1.1 These regulations shall be called Bachelor of Veterinary Science and Animal Husbandry (B.V.Sc & A.H.) degree regulations.
- 1.2 These regulations shall apply to the students of B.V.Sc & A.H. degree programme of College of Veterinary Science and Animal Husbandry under Junagadh Agricultural University, Junagadh, Gujarat and shall be applicable to all students of B.V.Sc & A.H. degree programme with effect from academic year 2009-10.
- 1.3 All the regulations and syllabus amended by the Veterinary Council of India from time to time shall be applicable to the College of Veterinary Science & Animal Husbandry, Junagadh Agricultural University, Junagadh,

2. DEFINITIONS

In these regulations, unless the context otherwise states:

- 2.1 "Veterinary Council" means the Veterinary Council of India (VCI) as constituted by the Indian Veterinary Council Act - 1984 (52 of 1984) and minimum standards of education for Veterinary Science students 2008.
- 2.2 "University" means Junagadh Agricultural University, Junagadh, Gujarat.
- 2.3 "Duration of Course" for B.V.Sc & A.H. Degree shall be of five years inclusive of compulsory six calendar months internship training and educational tour (15 days) organized by the University.
- 2.4 "Semester" means a period of 100 instructional days excluding Annual Board examination days.
- 2.5 "Academic year" (Professional year) means a period consisting of two semester for 1st, 2nd, 3rd and 5th year and of one semester in the case of 4th Professional Year including an inter-semester break as notified in each year in the approved Academic Calendar of the College(s). It is essential that each Academic Year (Professional Year) count at least 200 days excluding Annual Board

Examination.

- 2.6 "Veterinary Hospital/Institution" means a teaching and non teaching Veterinary Hospital/ Institution relevant to Livestock Health, Production or Technology by whatever name called and approved by the Veterinary Council of India (VCI/JAU) for the teaching purpose.
- 2.7 "Course" means teaching unit of a subject to be covered within a semester as detailed in the course catalogue.
- 2.8 "Course catalogue" means a list of approved course for the Degree Programme wherein a course is identified with a specific code and number giving course contents and credits assigned to it.
- 2.9 "Credit" is weekly unit of work recognized for any particular course catalogue. A theory class of one hour or a practical class of two hours duration per week shall count as one credit. A working period four hours in Veterinary Clinical Service & Teaching Complex / Institution per week shall count as one credit, unless otherwise stipulated.
- 2.10 "Syllabus and Curriculum" means Syllabus and Curriculum for the course of the study as specified in the course catalogue of the college and VCI. The

minimum requirement is of 177 credits for a programme leading to degree B.V.Sc & A.H.

- 2.11 "College" means College of Veterinary Science & Animal Husbandry, Junagadh Agricultural University, Junagadh.
- 2.12 "Department" means a department in the College/University.
- 2.13 "Principal" means Chief Executive Officer of the college by whatever name called.
- 2.14 "Dean" means the Dean of Faculty of Veterinary Science & Animal Husbandry.
- 2.15 "Registrar" means the Registrar of the Junagadh Agricultural University, Junagadh.
- 2.16 "Student of University" means a person enrolled in the University for taking a course of study for a degree.
- 2.17 "Registration" means registration of the student for each semester of an Academic Year on the date notified for the purpose.
- 2.18 "Detailed Mark Certificate (DMC)" is the

consolidated report of marks obtained by the students and issued by the University at the end of each academic year.

- 2.19 "Teaching Experience" means the teaching experience in the subject concerned in Veterinary College or Hospital or in an Institution recognized by VCI/any Agricultural University of Gujarat.
- 2.20 "Paper" means Course(s) with a same subject code combined for the purpose of Annual Board / Professional Examination in a particular Academic Year. For the purpose of compartment examination each paper will be considered as a subject.
- 2.21 "Controller of Examination (COE)" means Principal of the College. He can appoint committee to help in examination work. The committee will work under the guidance of COE and shall be responsible for all types of work assigned pertaining to the examination.
- 2.22 "External Examiner" means subject matter specialist other than teacher of Veterinary College, Junagadh and meeting the requirements under rule 11.2.
- 2.23 "Internal Examinations" means 2 hours Semester

End Theory examination and Semester End Practical examination.

3. ADMISSION REQUIREMENTS

3.1 The number of candidates to be admitted to the first professional year of B.V.Sc & A.H. programme in an academic year shall be decided by the Junagadh Agricultural University, keeping in view of the infrastructural facilities specified under VCI Regulations. The present intake capacity of the College is 30.

3.2 The reservation of seats will be as per State Government and Junagadh Agricultural University policy laid down from time to time.

3.2. a) Distribution of seats

Sr. No.	Particulars	Distribution of seats	Remarks
Reservation of seats			
1	Scheduled Castes (SC)	7%	
2	Scheduled Tribes (ST)	15%	
3	Socially & Educationally Backward Communities (SEBC)	27%	
4	Disabled (Physically handicapped)	3%	a. This will be adjusted against respective category b. Physical disability which interface in the performance of the duties on a veterinary are not allowed.
5	Children of Defense personnel and ex-servicemen	1%	-do-
6	Veterinary Council of India, New Delhi	15%	Candidates who have passed All India Common Entrance Examination held by VCI, New Delhi Only will be eligible, additional to intake capacity.

3.3 The selection of candidates to the first professional year of B.V.Sc & A.H. programme shall be made each year as per the merit list prepared as per existing Junagadh Agricultural University rules of Veterinary Faculty.

3.4 Additional 15% seats will be filled as per VCI authorized allotment admission in place of ICAR Quota.

- 3.5 The candidate must have completed 17 years on or before 31st December of the year of admission to the first year B.V.Sc. & A.H. course.
- 3.6 Candidate must have passed in each of the subject of English, Physics, Chemistry & Biology and must have obtained 50 % of marks in aggregate of these subjects in the 12th standard for general category and 40% marks for SC/ST/SEBC candidates.
- 3.7 A candidate with maximum of three trials in qualifying examination (HSSCE-12th Science) shall be considered eligible for admission. For each trial 15 marks will be deducted from the total marks of above four subjects.
- 3.8. For physically handicapped candidates reservation is 3% in respective category. A candidate shall not be allowed admission to B.V.Sc & A.H. degree course including those admitted under 15% reserved quota of VCI if he/she suffers disabilities in physical fitness as listed below:
- disability of total body including disability of chest/spine more than 50%.
 - disability of lower limb of more than 50%.
 - disability of upper limb.
 - visually handicapped candidates and those with hearing disability.

- candidates with progressive diseases like myopathies, etc.
- disabilities which otherwise would interfere in the performance of the duties of a veterinarian.

- 3.9 The admission of the student shall be made only on the basis of his/her merit in the competitive entrance examination.
- 3.10 The entrance examination will be of three hours duration and will have one paper of 600 marks consisting of 200 objective (multiple choice and reason assertion type) questions from Physics (180 marks), Chemistry (180 marks) and Biology (240 marks).
- 3.11 The question paper will be drawn in English and Gujarati. The candidate will answer the questions on OMR sheet.
- 3.12 The general syllabus of the Entrance Examination will be that of 11th and 12th class under the 10+2 scheme of Secondary & Higher secondary School Education Board or an equivalent examination. No separate syllabus for the examination is prescribed.
- 3.13 Scoring and Negative Marking
- Each question shall carry four (4) options of which

- one correct answer is to be selected.
- b) Each question shall carry three (3) marks. For each correct response the candidate will get three (3) marks. For each incorrect response one mark will be deducted from the total score. No deduction will be made if a question is not attended. More than one answers indicated against a question will be deemed incorrect response and will be negatively marked.

3.14 In case of candidates obtaining equal marks in entrance examination, the *interse* merit of such candidate shall be determined in order of preference as follows:

- a) Candidate obtaining higher marks in Biology in the entrance examination.
- b) Candidate obtaining higher marks in chemistry in the entrance examination.
- c) Candidate obtaining higher marks in Physics in entrance examination
- d) Candidate older in age to be preferred.

3.15 At the time of counseling for provisional admission, the candidate will be examined for physical fitness, verification of original mark sheets, certificates, etc. The candidate shall be required to produce medical certificate for physical fitness issued by a Registered Medical Officer in the form prescribed by the University with the application form and in the

case of need they will also be examined by the University Medical Officer.

3.16 The candidate availing the benefit of reserved seat shall be required to produce a certificate issued from a competent authority of State stating his/her reserved category. SEBC candidates also need to produce a certificate showing he/she does not belong to the creamy layer section of the society, issued during the current year from a competent authority, otherwise the candidate will not be considered for admission under SEBC category.

3.17 The candidate availing benefit of any of the reserved seats or enjoying any concessions in admission shall not be eligible to get at a time more than one advantage of relaxation in minimum qualification.

3.18 In the event of some or all reserved seats specified fall vacant due to less number of applications from eligible candidates, they shall be considered as open seats and will be filled in, in order of merit from general list of candidates.

4. REGISTRATION

4.1 A candidate selected for admission shall become an enrolled student of the University only on

completion of his/her first registration in person, which consists of (a) Payment of fees in person (b) Orientation and (c) Registration for courses.

4.2 The fees, deposit, etc payable by the student for B.V.Sc & A.H. degree course shall be prescribed by the University from time to time.

4.3 Candidates selected for admission shall report to the Principal on the date fixed by the University for their First Registration. If a candidate fails to report on fixed date as above, the admission shall stand cancelled and another candidate on the waiting list shall be admitted to the vacant seat so created; but not later than seven days from the commencement of classes.

4.4 If candidate who is not in a position to report for the first registration on the date fixed due to unavoidable circumstances may obtain provisional registration by paying fees by post or through messenger on or before the expiry date for registration. Such candidate shall be requiring completing the remaining steps for registration within the week from the date of commencement of the semester. Failing which his/her admission shall stand cancelled.

4.5 Renewal of Registration in case of continuing

student will consist of the (a) Payment of fees in person and (b) Registration for courses on the date of commencement of the semester.

4.6 If the student fails to register on the scheduled date(s) notified for the purpose, on valid ground, the Principal is authorized to grant permission for registration on the payment of late fees; fine of Rs. 20=00 per day for first seven days and Rs. 40=00 per day for next seven days for registration up to a period of 14 days.

4.7 A student enrolled in the University will be given his/her registration number to be used along with his/her name in all academic documents.

5. CURRICULUM OF BACHELOR'S DEGREE PROGRAMME

5.1 Bachelor degree awarded by the University shall be B.V.Sc & A.H.

5.2 The minimum duration of degree programme shall be five years including compulsory six calendar months internship training and educational tour (15 days) after successful completion of entire course work and required co-curricular activities including NCC/NSS.

- 5.3 The maximum time limit of completion of entire course work of the degree shall be 8 years, i.e., 16 semesters. Beyond this, registration shall stand cancelled.
- 5.4 Medium of instruction and examination will be English for all courses offered at B.V.Sc & A.H. Degree Programme.
- 5.5 Detail courses included in curriculum of B.V.Sc & A.H. Degree shall be as given in Annexure - II. The courses can suitably be shifted/added/changed as per the need of the Faculty of Veterinary Science & A.H., Junagadh Agricultural University, Junagadh after inviting suggestions from the concerned teachers. Such committee shall be formed by Registrar/Dean of Faculty as and when needed.

6. TEACHING SYSTEM AND CREDIT LOAD

- 6.1 Annual Board/Professional examination with semester plan will be followed for the degree programme.
- 6.2 A semester shall have a minimum of 100 instructional days excluding Annual Board examination.

- 6.3 A preparatory leave for maximum period of seven days including holidays may be allowed during Annual & Board / Professional examination.
- 6.4 The date of commencement and completion of Semester/Academic year shall be as per approved Academic Calendar of the University.
- 6.5 The teacher(s) shall announce the Theory / Practical-wise topics well in advance for each subject to the students.
- 6.6 The prescribed credit load in each Academic year shall be as under for the students registered in the academic year 2009-10 onwards (Annexure-IV).

Academic year	Semester	Theory credits	Practical credits	Total credits	Credit in an Academic year
I	1	11	7	18	33
	2	12	8	20	
II	3	12	9	21*	42
	4	12	9	21*	
III	5	12	7	19	40
	6	13	8	21	
iv	7	10	10	20	38
	8	10	08	18**	
v	9	9	10	19	19
Grand Total	10	Internship of six calendar months			
		101	76	177	

* 1 Credit (0 + 1) each for two courses on Livestock Farm Practice (non-credit) included.

** 1 Credit (1+0) for Veterinarian in Society (non-credit) included.

7. ATTENDANCE REQUIREMENT

- 7.1 Minimum requirement of attendance will be 75% for each annual paper both in respect of theory and practical separately, failing which the candidate will not be eligible to appear in Annual / Board Examination of that paper. In such case he/she will be considered fail in the paper concerned and will not be awarded compartment examination of rule 16.4.
- 7.2 Students representing cultural/sport meets, etc with prior permission of Principal shall be given benefit of attendance after receiving recommendation of SRC Chairman of the College.
- 7.3 During the first academic year, if a student abstained from the classes continuously for a period of three months or secures less than 40% attendance in any paper (Theory/Practical separately) shall be deemed to have been dropped from the College. Name of such students shall be recommended by the course teachers to the Principal of the College for necessary action. He/she shall not be eligible for readmission in the ensuing academic year.

However, if he/she wishes they have to seek fresh admission.

7.4 A student admitted to hospital on account of sickness/accident, if informs the Principal within three days of hospitalization, shall be allowed the benefit of attendance for corresponding number of days depending up on the nature of illness and recommendation by Academic Committee appointed by the principal of the College.

7.5 In any circumstances including the benefits of medical certificate, a student whose attendance in a particular course is less than 50% on an average of both theory and practical shall be deemed to have dropped the course. He/she will not be allowed to appear at the final semester end examination of the concerned course(s) and shall be considered 'Fail'.

8. DISCONTINUANCE AND RE-ADMISSION

- 8.1 A student of first professional year is not allowed to drop/discontinue his/her studies. In such cases he/she will not be granted readmission next year.
- 8.2 A student of second, third, fourth or fifth professional year class, who for some compelling reasons had

to leave the College, with the permission of the Principal during the current Academic Year may be readmitted by the Principal within a period of one year of his/her leaving the College in the same class at the beginning of next academic session. But in case of student who leaves the college without permission of the Principal, he/she can be readmitted within a period of one year, only with the prior approval of the Academic Council. In all such cases, the period of discontinuance of studies shall not be counted towards the residential requirement of degree programme as given in rule 3.3 but shall be counted towards maximum time limit for completion of degree and such student shall have to pay normal fee at the time of readmission.

9 MIGRATION OR TRANSFER FROM ONE RECOGNISED VETERINARY COLLEGE OR INSTITUTION TO ANOTHER

9.1 A student studying in VCI recognized Veterinary College of India may be allowed to migrate/ be transferred to another recognized Veterinary College subject to the condition that the examination system and the course contents in the two colleges are similar.

9.2 The migration/ transfer may be allowed by the

university concerned after passing 1st year of B.V.Sc. & A.H. degree course within one months of the start of academic session of second year of the receiving college / university of B.V.Sc. & A.H. class only if the candidate has successfully completed the first Academic year programme.

9.3 The number of student migrating / transferring from the Veterinary College to another Veterinary College in a Particular class will be kept to the maximum limit of 5 % of its intake. However, the migration will not be permitted after one month of commencement of Academic Year.

9.4 Cases not covered under 9.1 to 9.3 above be referred students to the Veterinary Council of India for consideration of merits.

9.5 An intimation about the admission of migrated / transferred students to the Veterinary College shall be sent to the Veterinary Council of India by the Institution.

10. EXAMINATION

There shall be an internal Semester End and Annual Board/Professional examinations for each academic year and will have equal weightage of marks (50% : 50%).

10.1 There shall be an internal Semester End and Annual Board / Professional examination. The

examination shall be conducted as per the approved schedule.

- 10.2 There will be a separate internal examinations (semester end) conducted by course teacher(s) of the concerned college. The Annual Board/ Professional examination will be conducted by a Board consisting of a (i) course teacher and (ii) the external examiner. The Board shall be appointed by COE of the college.
- 10.3 Question papers for Annual Board/Professional examination shall be drawn by the external examiner(s) from the syllabus of the course(s). Two sets of the papers will be invited by the COE from the external examiner(s).
- 10.4 There shall be no provision for supplementary Annual Board / Professional examination for students remaining absent on whatsoever ground viz., medical ground of any extracurricular activities however they can be considered for Semester End Examination only for extracurricular activities with prior approval of Principal or on medical ground after obtaining medical certificate from the medical officer of Junagadh Agricultural University.
- 10.5 Principal of the college as controller of the examination (COE) shall monitor the conduction of

the internal as well as Annual Board/Professional examinations by appointing an examination Superintendent from amongst the Professors.

- 10.6 The examination superintendent shall be responsible to make the arrangements for the orderly conduct of examination.
- 10.7 The duration of internal examination shall be 2 hours for the semester end examination and it will be 3:00 hrs. for Annual Board/Professional examination.
- 10.8 Question paper of internal examination (theory) will be drawn separately by course teacher.
- 10.9 There shall be 50% weightage for internal and remaining 50% weightage for Annual Board/Professional examination. Annual Board/ Professional examination for a paper course/group of courses of a weightage of 50% of total marks of each course shall be conducted by the Board appointed by the college/university at the end of each Academic year culminating the end of that Professional year programme, beginning with first Professional year. Question paper for Annual Board/Professional examination shall be drawn by the external examiner(s) from the entire syllabus of the course(s). Two sets of papers will be

invited by the COE of the college from the external examiner.

10.10 Minimum requirement for the completion of courses for each semester end theory/practical internal examination during various semester shall be 75 % of the total lectures for second, fourth, sixth, seventh, and ninth semester where as each shall be 100 % for first , third, fifth and eighth semesters.

10.11 Weightage of marks for theory and practical shall be in the ratio of 60:40 respectively in both internal Semester End and Annual Board Examinations. There will be 60 marks for theory and 40 marks for practical irrespective of the credit hours. Out of these marks, 50% shall be for internal Semester End Examination and 50% for Annual Board Examination. For example during First Annual Board Examination in the subject of Veterinary Anatomy the distribution of marks for internal Semester End and Annual Board Examination shall be as given under:

Semester	Course	Credits	Internal Exam		Annual Board Exam		Total	
			T + P	T	P	T	P	T
First	VAN-111	1+2	30	20	30	20	60	40
Second	VAN-121	2+2	30	20	30	20	60	40
	Total		60	40	60	40	120	80

10.12 Internal Examination

10.12.1 Internal Semester End Examination papers (theory / practical) shall be drawn for the various courses by the concerned course teachers.

10.12.2 The question papers shall be submitted in case of semester end internal examination to the COE of the concern college TWO weeks before the commencement of examination.

10.12.3 The Internal Semester End Examination (Theory / Practical) shall be conducted by the course teacher of the subject as per the examination schedule approved by the Principal of the concerned College. The papers are also to be evaluated by them and the result is also to be prepared by them.

10.12.4 The course teachers shall compile the result of internal Semester End Examination and submit the same to COE before the commencement of Annual Board/Professional examination.

10.12.5 The theory / practical internal Semester End Examinations shall be held without any preparatory leave.

10.13 Annual Board/Professional Examination

10.13.1 The Annual Professional examination for a paper course/group of courses have a weightage of 50 % of total marks of each course and shall be conducted by the Board appointed by the college Principal (10.2) at the end of each academic year culminating the end of that professional year programme, beginning with the first professional examination. Question paper of 3 hours duration for Annual Board/ Professional examination shall be set by the external examiners as per prescribed syllabus and approved guidelines.

10.13.2 Question paper for Annual Board/Professional examination shall be invited by the COE as per item No.10.3.

10.13.3 Principal of the concerned College as COE shall appoint external examiner(s) in the concerned subject both for evaluating theory answer books as well as for conducting and evaluating practical examination of the students and such examiner(s) shall preferably be other than the paper setter. The results will be submitted by the examiners to the course teacher who will compile the result of internal and Annual Board/Professional

examination for its submission to the COE for further compilation.

10.13.4 In case, there is any representation against the question paper, being out of syllabus, the same may be communicated to the Dean/COE by the students (individually/collectively) within twenty-four hours of examination(s) concerned, failing which no representation will be entertained by the Dean. The representation then would be assessed by Moderation Committee and based on its recommendations, suitable benefits may be awarded, subject to the provision of rule 10.13.6.

10.13.5 There will be an internal Semester End practical examination conducted by a course teacher. Annual Board Practical examination shall be conducted by the Board consisting of (1) External examiner and (2) Course Teacher.

10.13.6 The Moderation Committee, as prescribed by Veterinary Council of India may also review the question paper on the day of examination after the same has been distributed to the students. The Committee may also review the result of normal curve distribution. Any benefit given by the Committee under this rule and that of 10.13.4 shall be uniformly applied to all students and shall be on

the merit of the situation.

10.13.7 The answer books of the internal/external examination shall be disposed off by the HOD/COE, as the case may be as per rules operating with Junagadh Agricultural University.

10.13.8. Paper setter(s) can not be appointed as practical examiner(s) in the same paper.

11. EXAMINERS

11.1 Examiners for internal as well as the Annual Board examination will be appointed by the COE of the college.

11.2 Non-Veterinary teachers/scientist engaged in the teaching of veterinary students may be appointed as an external examiners in their concerned subjects provided they possess the Post-graduate degree in the subject and eight years teaching experience of Veterinary students after obtaining post graduate qualification and further provided that:

a) No such person shall be appointed as an internal examiner unless he/she has at least three years teaching experience. No person below the rank of Assistant Professor or equivalent shall be appointed as an internal examiner.

b) No person shall be appointed as an external examiner in any subject unless he/she possesses a recognized veterinary qualification and holds a post-graduate degree and teaching/research experience in the subject concerned.

c) Persons in other Veterinary Colleges in India/Government/Semi-Government or similar employment and also retired persons may also be considered for appointment as external examiners provided they possess qualification and teaching experience in the field concerned.

11.3 Teachers of the Veterinary College of Junagadh Agricultural University shall be permitted by the Principal of the concerned colleges as a part of the University to act as an external examiner in other Indian Universities.

11.4 The University may appoint any qualified External Examiner to conduct Annual Board Practical Examination to avoid postponement / Cancelltion.

12. REMUNERATION TO EXAMINERS

12.1 The external examiners will be paid remuneration for paper setting, evaluation of answer books, conducting practical examination in addition to the

- typing charge for typed manuscripts, postal charges, TA and DA as detailed below:
- i) Paper setting : Rs. 500/- per question paper
 - ii) Evaluation of answer books : Rs. 6/- per student with a minimum of Rs. 100/-
 - iii) Conducting practical exam : Rs. 200/- per day/subject or a maximum of Rs. 400/- per day / subject
 - iv) Typing charges : a) Rs.8 per typed page on ordinary type writer
b) Rs.20 per computerized typed page
 - v) Postal charges : Subject to production of postal receipts
 - vi) TA & DA : As per J.A.U. rules

13. CONDUCT OF EXAMINATION

13.1. Internal Examinations

- 13.1.1 In internal Semester End Examination copies of manuscript of question papers shall be prepared by the paper setters/Examiners in English only and should be duly signed by him on each slip of the question paper.

- 13.1.2 The examiner shall hand over the sealed cover containing manuscript of the question paper to the COE of the college.
- 13.1.3 The COE shall arrange to prepare laser print after proof reading done by concerned examiner of the question paper for the subjects whose manuscript have been received.
- 13.1.4 The laser part of question paper shall be used for preparing required number of photocopies of the question paper.
- 13.1.5 The second copy of the manuscript of question paper shall be submitted by the COE of the college to the Junagadh Agricultural University, Junagadh in sealed covers within a week after theory examinations are over.
- 13.1.6 For appointment of external examiners for paper setting and submission will be decided by the Dean.
- 13.1.7 The marks of internal examinations (Semester End) shall be declared by the course teachers

13.2. Annual Board Examinations

- 13.2.1 In case of Annual Board/Professional examination, one of the two sealed envelops received from the

examiner for a particular paper will be used for getting requisite number of copies made by maintaining complete secrecy. The sealed packet(s) containing these copies will be delivered to the Examination Superintendent to be opened in the Examination Hall and verify the question papers in the presence of invigilator(s) immediately before the start of examination.

13.2.2 The Controller of Examination shall arrange for the main answer books (including Supplementary) and the seal of the college/university.

13.2.3 A candidate who is late beyond 30 minutes shall not be allowed to appear in the Examination.

13.2.4 No candidate shall be allowed to leave the examination hall before half time after the commencement of examination.

14. NATURE OF QUESTION PAPER AND DISTRIBUTION OF MARKS

14.1 Both Internal and Annual Board examination papers shall be drawn as per approved Guidelines.

14.2 The question paper will consist of a fair mixture of objective and subjective questions. The objective

type is questions requiring short answers should normally constitute about 60% of the paper. Subjective questions shall be 40% of the paper.

14.3 In practical examination the assessment shall invariably include:

i) Skill in conducting practical and interpretation of result(s) : 40%

ii) Spotting/written test problem solving/case study, etc : 30%

iii) Day to day assessment during practical class and practical records : 10%

iv) Viva-voce Examination : 20%

14.4 The weightage of theory and practical shall be in the ratio of 60 : 40 respectively in both internal and annual/board examinations.

15. EVALUATION AND DECLARATION OF RESULT

15.1 The evaluation of answer books (Theory and Practical) in internal examination(s) will be done separately by the concerned course teacher / examiner appointed by the Principal.

15.2 The answer books of Annual Board theory and

practical examination will be evaluated by the external examiner appointed by COE. It is desirable that a person other than the paper setter will be appointed as an external examiner who is fulfilling all the requirements as an external examiner. The external examiner(s) for evaluating answer books (both theory and practical) may be different for both the colleges.

- 15.3 The overall performance of the candidate will be based upon cumulative performance in an internal Semester End and Annual Board/Professional Examinations and to pass a paper, a candidate shall be required to secure a minimum of 50% marks (5.0 Grade Point value out of 10 points) in theory and in practical separately (Internal Semester End and Annual Board combined).
- 15.4 The total marks obtained in internal examination(s) and Annual Board/Professional examination of each paper will be converted into "ten point" Scale.
- 15.5 The course teacher(s) shall prepare the Annual Board / Professional examination result by compiling the internal and external marks and the result shall be submitted in sealed cover to the Controller of Examination.
- 15.6 In order to avoid repeated rounding off of the marks

and to maintain the uniformity, the marks obtained at internal & external examinations shall be expressed in two decimal figures without any rounding off at any place including grade point in theory as well as practical. However, rounding off is permitted only at the final combined G.P. value calculated on the basis of G.P. in the theory and practicals. Such final G.P. value shall be expressed in one decimal figure as per Junagadh Agricultural University rules.

- 15.7 The final result as pass or fail will be declared by COE for convenience of registration of passing students to higher semesters. The detailed mark certificate will be issued by the Registrar of the University as per item 20 (Appendix - II).

16. PROMOTION AND FAILURE

- 16.1 A student will be promoted to next higher class provided he/she has passed all the papers of that class subject to the condition laid down in rule 16.3 and 16.4.
- 16.2 Failed student(s) will remain in the same class and shall attend the regular classes of these courses in which he/she has been declared failed and appear for all the examinations of those papers, both theory and practical. All other rules and regulations will be

applicable to them as far as those papers are concerned. A failed student shall be allowed a maximum of three consecutive attempts to clear (pass) a class after which he/she will be removed from the college rolls. The missed examinations will be treated as one of the attempts. The compartment examinations being the part of main examination will not be counted towards an attempt. A failed student shall not get any special privileges.

- 16.3 A student who fails in not more than two subjects is conditionally allowed promotion (CAP).
- 16.4 A student failing only in not more than two paper will be awarded compartment examination. He/she shall have to pass that paper in compartment examination to be conducted as per rules 16.6 and 16.7.
- 16.5 The compartment examination will generally be conducted within 20 calendar days of declaration of result of the concerned Annual Board examination. The result of such examination shall be declared within five days of conduct of examination.
- 16.6 In case of compartment examination of the failed paper, the marks obtained in the internal examination shall not be counted and in such case(s) the marks obtained by the candidate in the compartment examination of the failed paper will

- 16.7 Internal Semester end examination will be held only once in a semester. No re-examination shall be allowed in events of strike, boycott, walkout or whatsoever may be the reason except extracurricular activities after obtaining a certificate from S.R.C. Chairman/Rector of the concerned College and on the medical ground after obtaining medical certificate from the Medical Officer of concerned campus of Junagadh Agricultural University.

- 16.8 The student who fails in compartment examination has to revert to the class from where he/she was conditionally allowed promotion (CAP).

17. RE-EVALUATION AND RECTIFICATION OF ERROR

- 17.1 There is no provision of re-evaluation of answer books. However, a candidate may be allowed to get any theory paper scrutinized for re-totalling and for unmarked question, if any. The answer book(s) will not be shown to the student under any circumstances.
- 17.2 For scrutiny, a candidate shall have to apply to Principal/COE within three days of result by

depositing a prescribed fee of Rs. 200/- per paper.

- 17.3 Scrutiny of marks will be done under the supervision of the COE.
- 17.4 In case the total is found to be incorrect, the same will be corrected and the result revised (even if it is towards lower side). If, however, any question is found to be unchecked by the examiner, the answer books will be sent to examiner for doing the needful. The result will be revised if there occurs any change in the marks.

18. INTERNSHIP

- 18.1 All parts of the compulsory internship shall be done as far as possible at Veterinary Institutions of India recognized by the University for the purpose. In case of any difficulty, the matter may be referred to the Veterinary Council of India to be considered on individual merit.
- 18.2 After completion of all courses, the Principal of the College shall issue a course completion certificate to the student.
- 18.3 On production of course completion certificate, the State Veterinary Council/Veterinary Council of India will grant provisional registration to the candidate.

The provisional registration will be for a minimum period of six months.

- 18.4 After provisional registration, the student shall register for internship of six calendar months.
- 18.5 No tuition fee will be charged during the internship programme.
- 18.6 An internship stipend will be paid as per the rules of Government of Gujarat to an Intern domiciled in India (except foreign students) for six months duration. No stipend will be paid for the day an Intern is absent without getting his/her casual leave sanctioned from the Principal/In charge of centers.
- 18.7 Attendance will be compulsory, six days Casual Leave will be allowed. Consecutive not more than two days casual leave be availed at any center(s) unless and until it is availed under the unavoidable circumstances and subsequently sanctioned by the Principal of the College. If the leave is not sanctioned by the authority, then the candidate will have to repeat that center for those many days the candidate remained absent continuously for more than two days on the respective center(s).
- 18.8 Working hours will be regulated according to the needs of the work allotted to the Interns as per

regulations of Veterinary Council of India.

- 18.9 Each Intern shall have to complete the training satisfactorily. The assessment will depend upon the performance, notebooks and practicals and other assignments given to them as prescribed by Veterinary Council of India.
- 18.10 If an Intern willfully keeps absent himself/herself from the training programme, this may be taken as an act of indiscipline and Principal may take such disciplinary action against the Intern as he deems fit and the Intern will be required to undergo training for the additional days in lieu of the absence period and no internship stipend will be paid for these additional days.
- 18.11 If an Intern absents himself/herself from the training programme on account of serious illness, he/she may be paid internship allowance only if such total absence on medical grounds during internship shall not exceed 15 days and is supported by a medical certificate from CMO of the University/CMO of other hospital where the Intern falls ill while on Internship. In case of medical leave of any duration, internship period shall be extended correspondingly.
- 18.12 The Intern will devote his/her whole time to this training and will not be allowed to accept a whole

time or part time appointment paid or otherwise.

- 18.13 In the event of shortage of attendance during internship, the period will be extended accordingly. In case of unsatisfactory work/performance, the period of internship shall be extended by not more than 12 months at a time by the Principal on the recommendation of the supervisor of the posting and Coordinator-internship.
- 18.14 Candidate will not be eligible for internship allowance during the extended period.
- 18.15 Rotating internship shall be as per the following Schedule/Posting:
- ½ months (15 days):**
Educational Tour organized by University.
- 2 ½ months:**
Clinical training at Teaching Veterinary Service Complex and other Institutions as prescribed by VCI
- 1 month:**
Livestock Production and Management training on animal farms.
- 1 month:**
Poultry production and management training.

1 month:

Livestock products technology and other services training such as biological production unit, disease control campaign and training in wildlife / zoo / National Parks.

- 18.16 The Principal of the College may arrange for surprise checking of presence of internees on various centers of their posting by entrusting the responsibility to the teachers of the College.
- 18.17 The students should undergo study tour of not more than 15 days during the 10th semester to visit different places of educational importance in India pertaining to the Veterinary and Animal Husbandry activities. The tour is compulsory.
- 18.18 The condition and evaluation of internship programme shall be as prescribed by VCI. There shall be no marks/grades for internship but every Intern shall be provided with a certificate of satisfactory/ unsatisfactory completion of all the minimum postings by the concerned supervisor based on log book evaluation and for the journal/dissertation, viva-voce examination by a committee appointed by Principal for the purpose. The Principal shall then issue the certificate of satisfactory completion of internship training as prescribed by the VCI.

19. AWARD OF DEGREE AND CLASSES

The degree of B.V.Sc. & A.H. or provisional degree certificate shall be awarded under the seal of University to candidate after the completion of internship.

20. GRADE SHEET

The grade sheet will be prepared by the Registrar, Junagadh Agricultural University on the basis of marks obtained at the internal and external examinations and same duly signed by the Registrar, will be issued to the students. The class offered to the student shall remain as per Junagadh Agricultural University rules.

21. UNFAIR MEANS IN THE EXAMINATION

The rules for awarding punishment in case of unfair means in the examination will be the same applicable as applicable to he / she students of other constituent colleges of the Junagadh Agricultural University.

22. ENFORCEMENT OF STUDENT DISCIPLINE AND GOOD BEHAVIOUR

The rules regarding enforcement of student discipline and good behaviour will be the same as applicable to the students of other constituent colleges of the University.

23. GENERAL

In case of any individual case(s) not covered in the above mentioned rules and regulations, the student shall apply to the Principal/Associate Dean within a period of two weeks of the occurrence of an event. The Principal/Associate Dean may appoint the committee for its recommendations before taking the decision.

24. DISCLAIMER

The statement made in this booklet and other information herein are believed to be correct at the time of publication. However, the University reserves the right to make, at any time without notice, changes in and addition to the rules and regulations, requirements for degree or any other information or statements/rules contained in this booklet. No responsibility shall be accepted by the University for hardship or expenses incurred by its students or any other person for such changes, additions, omissions or errors no matter how they

are caused. Anti-ragging Committee and Squad are functioning at the University, anyone found guilty will be suitably punished. FIR will be lodged against student(s) abusing fellow student(s).

APPENDIX - I

Department-wise/discipline-wise credit load

Sr. No.	Discipline	Credit		
		Theory	Practical	Total
1	Veterinary Anatomy	6	7	13
2	Veterinary Physiology & Biochemistry	12	6	18
3	Veterinary Pharmacology & Toxicology	8	2	10
4	Veterinary Parasitology	6	3	09
5	Veterinary Microbiology	6	4	10
6	Veterinary Pathology	7	5	12
7	Veterinary Public Health & Epidemiology	6	3	09
8	Animal Nutrition	6	3	09
9	Animal Genetics & Breeding	6	3	09
10	Livestock Production & Management	8	6	14
11	Livestock Product Technology	3	3	06
12	Veterinary Gynaecology & Obstetrics	4	3	07
13	Veterinary Surgery and Radiology	5	4	09
14	Veterinary Medicine	12	3	15
15	Veterinary and Animal Husbandry Extension Education	5	2	07
16	Teaching Veterinary Clinical Complex	1*	17	18
17	Instructional Livestock Farm Complex	0	02*	02
		101	76	177

* Non Credit

1. Basic Veterinary Courses	23+15 = 38
2. Production subjects	23+15 = 38
3. Pre-Clinical subjects	27+14 = 41
4. Clinical Subjects	27+13 = 40
5. Teaching Veterinary Clinical Complex	00+17 = 17

	100+74=174

SEMESTER-WISE DISTRIBUTION OF COURSES

I SEMESTER:

VAN-111	Veterinary Gross Anatomy-I (Ostiology, Arthrology & Biomechanics)	1+2 = 3
VPB-111	Veterinary Physiology -I (Blood, Cardiovascular & Excretory Systems, Body fluids)	2+1 = 3
VPB-112	General Veterinary Biochemistry	1+1 = 2
LPM-111	Livestock Production Management-I (General Principles and Ruminants)	3+1 = 4
AGB- 111	Bio-Statistics and Computer Application	2+1 = 3
ANN-111	Principles of Animal Nutrition & Feed Technology	2+1 = 3
PE-111	Physical Education / NCC/NSS	0+1 = 1*
	Total :	11+7=18

II SEMESTER:

VAN-121	Veterinary Gross Anatomy-II (Myology, Neurology, Angiology & Aesthesiology)	2+2 = 4
VPB-121	Veterinary Physiological -II (Neuromuscular, Digestive & Respiratory Systems)	2+1 = 3
VPB-122	Veterinary Intermediary Metabolism	2+1 = 3
LPM-121	Fodder Production & Grassland Management	1+1 = 2
LPM-122	Livestock Production Management-II (Monogastric and Laboratory Animals)	1+1 = 2
AGB-121	Principles of Animal Genetics and Population Genetics	2+1 = 3
ANN-121	Applied Animal Nutrition-I(Ruminants)	2+1 = 3
PE-121	Physical Education / NCC/NSS	0+1=1*
	Total :	12+ 8 = 20

III SEMESTER:

VAN-211	Veterinary Histology and Embryology	2 + 2 = 4
VPA-211	General Veterinary Parasitology & Helmenthology	3 + 1 = 4
VPP-211	General Veterinary Pathology	1 + 1 = 2
VMC-211	General Veterinary Microbiology	1 + 1 = 2
LPM-211	Avian Production Management	1 + 1 = 2
ANN-211	Applied Animal Nutrition-II (Non-ruminants, Poultry & Laboratory Animals)	2 + 1 = 3
AGB-211	Livestock and Poultry Breeding	2 + 1 = 3
LFP-211	Livestock Farm Practice (Non-Credit)	0 + 1 = 1
Total:		12 + 9 = 21

IV SEMESTER:

VAN-221	Veterinary Splanchnology & Applied Anatomy	1 + 1 = 2
VPB-221	Veterinary Physiology-III (Endocrinology, Reproduction, Growth & Environmental Physiology)	3 + 1 = 4
VPA-221	Veterinary Entomology & Acarology	1 + 1 = 2
VPA-222	Veterinary Protozoology	2 + 1 = 3
VMC-221	Veterinary Immunology and Serology	1 + 1 = 2
VPP-221	Systematic Veterinary Pathology	2 + 1 = 3
LPM-221	Commercial Poultry Production and Hatcher Management	1 + 1 = 2
LPM-222	Livestock Production Management (Regional interest)	1 + 1 = 2
LFP-221	Livestock Farm Practice (Non-Credit)	0 + 1 = 1
Total:		12 + 9 = 21

V SEMESTER:

VPT-311	General and Systemic Veterinary Pharmacology	2 + 1 = 3
VMC-311	Systemic Veterinary Bacteriology & Mycology	2 + 1 = 3
VPP-311	Special Veterinary Pathology	2 + 1 = 3
VPE-311	Milk & Meat Hygiene, Food Safety and Public Health	2 + 1 = 3
LPT-311	Milk and Milk Product Technology	1 + 1 = 2
LPT-312	Abattoir Practice and Animal Product Technology	1 + 1 = 2
VAE-311	Principle and Techniques of Veterinary and A.H. extension.	2 + 1 = 3
Total:		12 + 7 = 19

VI SEMESTER:

VPT-321	Veterinary Neuropharmacology	2 + 1 = 3
VMC-321	Systematic Veterinary Virology	2 + 1 = 3
VPP-321	Avian Pathology	1 + 1 = 2
VPP-322	Aquatic Animal Disease, Health care and management	1 + 1 = 2
VPE-321	Veterinary Epidemiology and Zoonosis	2 + 1 = 3
LPT-321	Meat Science	1 + 1 = 2
VPB-321	Animal Biotechnology	2 + 1 = 3
VAE-321	Livestock Economics, Marketing and Business Management	2 + 1 = 3
Total:		13 + 8 = 21

VII SEMESTER:

VPT-411	Veterinary Chemotherapy	2 + 0 = 2
VSR-411	General Veterinary Surgery, Anaesthesiology and Diagnostic Imaging	2 + 2 = 4
VGO-411	Veterinary Gynaecology	2 + 1 = 3
VMD-411	Veterinary Clinical Medicine-I (General and Systemic)	2 + 1 = 3
VMD-412	Veterinary Preventive Medicine-I (Bacterial, Fungal & Rickettsial Diseases)	2 + 0 = 2
VLD-411	Veterinary Clinical Biochemistry and Laboratory Diagnosis-I	0 + 1 = 1
VCP-411	Veterinary Clinical Practice	0 + 5 = 5
Total:		10 + 10 = 20

VIII SEMESTER:

VPT-421	Veterinary Toxicology	2+0=2
VSR-421	Regional Veterinary Surgery	2+1=3
VGO-421	Veterinary Obstetrics	1+1=2
VMD-421	Veterinary Clinical Medicine-II (Metabolic & Deficiency Diseases)	2+0=2
VMD-422	Veterinary Preventive Medicine -II (Viral & Parasitic Diseases)	2+0=2
VLD- 421	Veterinary Clinical Biochemistry and Laboratory Diagnosis-II	0+1=1
VCP-421	Veterinary Clinical Practice	0+5=5
TVC-421	Veterinarian in Society (Non Credit)	1+0=1
Total:		10 + 8 = 18

IX SEMESTER:

VSR-511	Veterinary Orthopedics and Lameness	1+1=2
VMD-511	Animal Welfare, Ethics & Jurisprudence	2+0=2
VMD-512	Zoo/Wild Animal Breeding, Management, Nutrition and Health Care	1+1=2
VMD-513	Pet Animal Breeding Management, Nutrition and Health Care	1+1=2
VGO-511	Veterinary Andrology and Reproductive Techniques	1+1=2
VPE-511	Environment and Environmental Hygiene	2+1=3
VAE-511	Livestock Entrepreneurship	1+0=1
VCP-511	Veterinary Clinical Practice	0+5=5
Total		9+10=19

X SEMESTER:

VIP-512	Internship Programme	Non-credit
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NOTE: = NSS/NCC/Sports and Games will be treated as non-credit courses.