

TANUVAS - UNDER GRADUATE (BVSc & AH) REGULATIONS – 2009

1. Short title and commencement:

1. These regulations shall be called Tamil Nadu Veterinary and Animal Sciences University Undergraduate (B.V.Sc & A.H.) Regulations – 2009.
2. This shall apply to the students admitted from the academic year 2009-2010 onwards.
3. In these regulations, unless the context otherwise requires the words and expressions used in these regulations shall be interpreted to have the same meanings as they have in the Act.

2. Definitions:

- a. "The Act" means the Tamil Nadu Veterinary and Animal Sciences University Act 1989 (Tamil Nadu Act 42 of 1989).
- b. "University" means Tamil Nadu Veterinary and Animal Sciences University.
- c. "Government" means the State Government of Tamil Nadu.
- d. "Degree" means the course of study in Veterinary Science, namely B.V.Sc & A.H. (Bachelor of Veterinary Science and Animal Husbandry). It shall comprise a course of study consisting of curriculum and syllabus provided by the University as per Minimum Standards of Veterinary Education – Degree course (B.V.Sc & A.H) Regulations – 2008 of the Veterinary Council of India and spread over five academic years including a compulsory internship of six months duration undertaken after the completion of all credit hours provided in the syllabus. During the course of study, there shall be training in teaching veterinary hospital, livestock and poultry farms and field training in veterinary institution as part of the course.
- e. "Academic year" is a period during which a cycle of study is completed. It shall ordinarily be from August to July (except in the year of admission) and shall consist of two semesters covering 200 days of instruction excluding the days of examination. However, the commencement of classes for the first year B.V.Sc & A.H. class alone shall be extended upto October 31.
- f. "Semester" is an academic term consisting of not less than 100 instructional days excluding examination days.
- g. "Syllabus" and "Curriculum" mean the syllabus, and curriculum for courses of study as specified by the University as per Minimum Standards of Veterinary Education – Degree course (B.V.Sc & A.H) Regulations – 2008 of the Veterinary Council of India.
- h. "Course" is a unit of instruction or a segment of subject matter to be covered in a semester. It has a specific number, title and credit(s).
- i. "Subject / Paper" is the one that consists of course / courses in a subject listed under a department, in an academic year.
- j. "Credit hour" means the weekly unit of work for any particular course as per the course catalogue issued by the University. A lecture class of one hour per week shall be counted as one credit whereas a practical class of two hours

duration or a working period of three hours in Teaching Veterinary Clinical Complex or Instructional Farm per week shall count as one credit.

- k. Examination means internal evaluation or annual board examination:
 - i. Chief Superintendent means the Dean of the College concerned.
 - ii. Hall superintendent means a teaching staff nominated for the purpose by the Dean of the college concerned.
 - iii. Invigilator means a teacher in charge of invigilation work in the examination hall.
- l. "Internal examination" is an examination conducted in a course, separately in theory and practical, after the course is completed. The weightage for theory and practical shall be 60:40 respectively.
- m. "Annual Board Examination" (ABE) is a composite external examination for a group of courses / course in a subject / paper, as per the schedule of the examination conducted by the University at the end of each academic year. The weightage for theory and practical shall be 60:40 respectively.
- n. "Grade point of a subject / paper" is a value obtained by dividing the total marks obtained in a paper (A) by maximum marks allotted to the paper (B) and multiplied by 10 ($GP = A/B \times 10$). It shall be calculated together for theory and practical.
- o. "Credit point of paper / subject" is the product of credit hours and grade point obtained by the student in a paper / subject. The credit points earned by a student shall be taken as zero if the grade point is less than 5.000.
- p. "Grade point average" is the quotient of the total credit points obtained by a student both in theory and practical of various papers/subjects at the end of each academic year divided by the total credit hours taken by him / her in that year. The grading is done on a ten- point scale.
- q. "Overall grade point average" (OGPA) is the quotient of cumulative credit points obtained by a student in all the papers / subjects both in theory and practicals taken by him / her from the beginning of the first academic year of the degree course divided by the total credit hours of all the papers / subjects which he / she had completed up to the end of a specified academic year from the first year. It determines the overall performance of a student in all the papers / subjects taken during a period covering more than an academic year. The OGPA shall be rounded to three decimals.
- r. "Advisor / Ward Counsellor" means a teacher of the faculty who has been nominated by the Dean as advisor / ward counsellor to a particular student to advise him in all academic matters.
- s. "Transcript" means a copy of the consolidated report of marks secured by the student and issued by the University.
- t. "Teaching experience" means teaching experience in the subject concerned in a veterinary College or Animal Science or Allied subjects institution or veterinary hospital or institution recognised by the Veterinary Council of India.
- u. "Veterinary Hospital / Institution" means 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.

- v. "Council" means the Veterinary Council of India.
- w. "VCI Act" means the Indian Veterinary Council Act 1984 (Act 52 of 1984).
- x. "First schedule" and "Second schedule" means the First schedule and Second schedule appended to the VCI Act.
- y. "VCI guidelines" means the guidelines/instructions issued by the Veterinary Council of India from time to time for uniform implementation of Minimum Standards of Veterinary Education – Degree course (B.V.Sc & A.H) Regulations – 2008.
- z. "Inspector" means the Veterinary Inspector appointed as per the VCI Act.
- aa. "President" means the President of the Veterinary Council of India.
- bb. "Qualifying examination" means Higher Secondary (10+2) examination or equivalent conducted by State Board of Examination or Central Board of Education.
- cc. "Secretary" means the Secretary of the Veterinary Council of India appointed as per the VCI Act.
- dd. "Visitor" means a visitor appointed as per the VCI Act.
- ee. "Veterinary College" means an institution imparting veterinary education for the award of B.V.Sc & A.H degree having the required number of departments/units, infrastructure, manpower and other facilities laid down in the Minimum Standards of Veterinary Education – Degree course (B.V.Sc & A.H) Regulations – 2008 of the Veterinary Council of India and under the overall administrative control of the Dean/Principal.

All the other words and expressions used but not defined in these regulations shall have the meanings respectively assigned to them in the Act.

3. Description: A degree course of B.V.Sc & A.H shall comprise of curriculum and syllabus provided by the University as per Minimum Standards of Veterinary Education – Degree course (B.V.Sc & A.H) Regulations – 2008 of the Veterinary Council of India and spread over five academic years including a compulsory internship of six months duration undertaken after the completion of all credit hours provided in the syllabus. During the course of study, there shall be training in teaching veterinary hospital, livestock and poultry farms and field training in veterinary institution as part of the course.
4. Admission: The admission to the undergraduate (UG) course shall be made in the beginning of the first semester of the academic year and shall be in accordance with the regulations laid down from time to time by the State Government and the University.
5. Fees: The fees for application, semester fees, special fees, examination fees and other fees shall be as prescribed by the University from time to time.
6. Advisory system: The students on their admission shall be divided into convenient groups by the Education Cell/UG Coordinator in consultation with the Dean of the College and each group assigned to one of the teachers who is designated as Advisor. Each student immediately after enrolment fills up all the registration cards

with the guidance of his/her advisor. Among other things, the advisor shall help the students in planning their programmes. The advisor will establish and foster close personal relationship with the students assigned to him/her during their entire stay in the College by having periodical meetings at least once in a month either with the entire group of students or with each individual student as often as is considered necessary in an effort to know their problems, review their study programme and take such remedial actions as may be necessary in consultation with the teachers, Education Cell / U.G.Co-ordinator and the Dean. The advisor shall also maintain a record containing particulars of previous history of the student, courses registered, examinations appeared and grades obtained in each course.

7. Registration:

- (b) Registration for the first time in the University: Students who have received notification of admission from the University will receive on arrival guidelines for the registration from the Dean of the respective Colleges. A registration and orientation programme will be conducted by the Dean of the College for the benefit of the students joining the University for the first time. The programme shall be for a duration as decided by the University from time to time. During this programme, the students shall be taken to the various departments and appraised of facilities available. They shall also be introduced to the course teachers, warden, deputy wardens and other staff members whom they should know. They may also be explained of various scholarships, and other assistantships available and methods of applying for them. Attendance in respect of fresh students for the first semester shall be reckoned from the first day after the completion of orientation programme. For the students who are registering late due to late admission, attendance shall be reckoned from the date of their registration. However, this is only for the first semester of the first year of B.V.Sc & A.H course. The registration will be done in person and failure to register for the first semester before nominated date shall result in forfeiture of admission.
- (c) Subsequent registration: At the beginning of each semester there will be registration for various courses listed under a subject. The list of courses to be registered for a semester shall be given by the Education Cell / UG Co-ordinator in consultation with the Dean. The student in each batch shall have to register for the set of courses offered in toto for the batch and fill in the registration cards. However, there is choice in tracking programme, entrepreneurial training and study circle. The semester in which they are offered shall be identified by the Dean of the college concerned from time to time. The advisor in turn will countersign and send the cards to the Education cell UG Co-ordinator who will forward them to the Dean. The Dean's office should prepare a list of students who have registered for each course and send them to the University.
- (d) The payment of fees and other arrears due to the College, Departments, Hostel, Library, etc., shall precede commencement of each semester. The students shall be allowed to register for the semester only after payment of fees and production of clearance certificates from the hostel, library and such other places.
- (e) The students including new entrants shall register the requisite courses in the beginning of each semester within seven working days, the first two working

days without fine and the remaining five working days with a fine as decided by the University from time to time. The attendance will however be reckoned from the day the instruction commences as per the academic calendar (i.e. second day of registration week).

(f) Preparation of timetable: The timetable for a semester should be prepared by the Education Cell / UG Co-ordinator in consultation with course teachers of the semester. The timetable should be released only after the approval of the Dean of the college concerned.

(g) Lecture and practical schedules: At the commencement of a semester, the lecture and practical schedules for all courses including tracking programme, entrepreneurial training and study circle should be drawn by the course teacher / coordinator as the case may be and concerned head of the department and circulated to the students with a copy to the Dean. The instruction should be strictly adhered according to the schedule. The Head of the department / Dean shall ensure that the schedule is adhered to and alternate arrangements are made to cover up the loss in case of any eventualities of unavoidable reasons that lead to non-adherence of the above schedule

8. Study load for semester: The full time study load for a student ranges from 18 to 23 credit hours per semester as prescribed. The maximum limit includes non-credit and audit courses.

9. Interdepartmental teaching: The courses identified for interdepartmental teaching are mentioned in the syllabus. These courses have to be dealt by teachers from departments concerned as mentioned. The distribution of theory, practical and work experience for such courses shall be decided by the Dean of the college concerned in consultation with the Heads of the Departments concerned before the commencement of the course. In case VPB 321 Animal Biotechnology course, the same shall be handled by the faculty from the Animal Biotechnology department, if such department exists in the college. Otherwise, it shall be handled by faculty from VPB, VMC and VGO. Guidelines for conduct of such courses on issues like setting up of question paper, evaluation of answer sheets and such other issues shall be provided by the University from time to time.

10. Attendance requirements: *Every student shall ordinarily attend all classes in a course. However, a minimum prescribed attendance in a paper shall be 80%. The minimum limit of attendance shall be reckoned for theory and practicals separately on the basis of cumulative attendance of all the courses grouped for a paper for appearing in the Annual Board Examination for a full period of two semesters of study before he/she is eligible for appearing in the Annual Board Examination (ABE). A student who fails to put in the minimum attendance either in theory or practical shall not be permitted to appear for the ABE and his/her registration for that paper shall be treated as cancelled.*

(1) Normally a student who fails to put in the minimum attendance separately in theory or practical shall not be permitted to appear for the annual board examination and his/her registration for that course(s) shall be treated as cancelled. Such candidates shall be considered failed in that professional class and they have to fulfil all requirements of that class afresh. The Dean may depute students on the recommendations of the Vice-President of Student Association / Sports Council Chairman, to represent the College/ University at

various functions such as NSS, NCC, Sports and other co-curricular activities and the mandatory minimum requirement of attendance under these circumstance is 75% provided the Dean is informed well ahead of time. A student who fails to put in a minimum requirement of 80% attendance because of sickness; the mandatory minimum may be reduced to 75% on the basis of medical certificate for hospitalization obtained from a medical officer of government hospital or a registered medical practitioner. The attendance should be maintained by the course teacher and the attendance register should be kept in safe custody by the head of the department. A certificate to this effect shall be sent to the University along with attendance percentage to issue hall ticket for ABE. Hall ticket will be issued for ABE by the Controller of Examinations based on the prescribed application from the candidate duly filled in along with payment of fees, supported by fee receipt and attendance certificate from the Dean. The attendance particulars should reach the Controller of Examination at least 3 days prior to issue of Hall tickets.

- (2) No student shall be issued with a hall ticket unless he/she produces clearance certificate from the competent authority of hostel.
- (3) The students receiving any scholarship should put in a minimum of 80% attendance or the attendance specified by the agency to receive the scholarship amount for the particular semester.
- (4) *If a student admitted in the first year does not register the course of first semester or having registered, failed to put in 80% attendance on the basis of cumulative attendance of all the courses grouped for a paper for Annual Board Examination, his/her admission stands cancelled. If no prior permission is obtained from the Dean of the College, he/she shall forfeit the admission to the course. Where a student leaves the College after completion of first semester for reasons beyond his/her control, he/she shall be eligible for readmission within one year by the Dean to the appropriate semester on payment of readmission fee as decided by the University from time to time under intimation to the University. Where the period of break exceeds one year, but does not exceed two years, a reference should be made to the University and the decision of the University shall be final. However, a student who registers for the first semester but does not put in the required attendance after obtaining permission to rejoin the course in three consecutive years. The admission of the student shall be treated as cancelled, since the student cannot complete the BVSc & AH. Course within the stipulated period of 8 academic years. Once a student leaves the College after issue of Transfer Certificate, he/she shall not be eligible for readmission.*
- (5) How to calculate attendance for a course: Normally the number of classes conducted are calculated by the course teacher from the first working day (i.e. the second day of registration week as per the timetable) to the last working day. However, for the students who are reverted back owing to failure in the compartment examination, the attendance shall be calculated from the date of declaration of result of the compartment examination to the last working day.
 - (a) Theory class: Number of classes conducted by course teacher from the first working day (i.e. the second day of registration week as per the timetable), to the last theory class of the semester.

- (b) Practical class: Number of classes conducted by the course teacher from the first working day (i.e. the second day of registration week as per the timetable), to the last practical class of the semester. No student shall be allowed to compensate his/her absence by attending classes along with other batches.
- (c) Students absenting from classes by prior arrangements on official University business shall be given due consideration in completing the attendance requirements and may be permitted by the Dean of the college concerned to condone the deficiency.
- (d) Mass absence of students from a class or examination: Absence of students en masse from a class or examination shall not be condoned. The Dean, in addition, may order suspension of the course, if deemed necessary.

11. Evaluation / Examination / Moderation: The detailed guidelines for the conduct of examinations both internal and annual board examinations, award of marks, recording, preparation of mark lists, transcripts etc. circulated from time to time by the University shall be followed. The schedule of examinations shall consist of internal and ABE.

(1) *The internal evaluation shall be conducted for 50% of the total marks in theory and practical separately and shall invariably be conducted on completion of lecture and practical schedule and shall be held without any preparatory leave. The IE shall be held without loss of instruction days specified for the semester. The internal practical examination shall be conducted by a board of examiners consisting of instructor(s) of the course and a representative of the head of the department. However, the question paper for theory examination shall set by the course teacher as per common pattern decided by the University and answer papers shall also be corrected by him. The examination schedule for the internal evaluation shall be decided by the Dean of the college concerned. The proportion of marks for internal and ABE shall be 50:50 for theory and practical separately. The weightage for theory and practical shall be in the ratio of 60:40 respectively in both IE and ABE. In the theory paper in both IE and ABE, 60% of the question shall be of objective type and 40% of the question shall be of subjective type.*

The maximum marks is 100 for each paper (i.e. for theory and practical). The duration of the examination is 3 hours. For objective type, the distribution is 120 questions each carrying 0.5 marks. The questions may be of fill in the blanks, choose the correct answer, true or false, match or answer in one words.

For subjective type the pattern of the question paper consists of short notes, short answers, differentiation, detailed answers, brief essay with not less than 20% choice.

The following shall be the mark distribution for practical examination for IE.

Record	-10
Practical	-30
Viva voce	-10

Marks obtained in theory and practical in the internal examinations shall be recorded separately and submitted to the Dean of the college concerned by the end of a particular semester. A student shall appear in all internal theory as well as practical examinations in the course(s) in a subject to become eligible to take ABE. The notification for the conduct of internal evaluation shall be issued by the Deans of the respective Colleges as decided by the University.

The internal theory examination shall be conducted after the completion of the particular semester (i.e) the next day of closure and the practical examination shall be conducted at the last practical class hours of the course concerned.

The course teacher will submit the corrected answer papers along with mark sheet to the Dean through the Head of the Department concerned and Education Cell/UG Co-ordinator for keeping them in safe custody till the student complete the subject / paper. The marks shall be displayed on the notice board.

- (2)** It shall be the responsibility of the course teacher that topics to be covered in the theory and practicals in each course shall be recorded through a lecture / practical schedule and distributed to the students at the beginning of each course. The Heads of the Departments and Dean shall ensure that the schedule is adhered to and alternate arrangements are made to cover up the loss in case of any eventualities of unavoidable reasons that lead to non-adherence of the above schedule.
- (3)** Annual Board Examination (ABE): *A composite annual examination for a group of courses/course shall be held for the rest 50% marks in theory and practical separately as per the schedule of examination. The courses which from the ABE papers is as mentioned in the VCI ACT Annexure-IV page number 188-189. The practical examination shall be conducted by a Board appointed by the University consisting of two or more internal examiners representing the subjects involved in the paper and one external examiner.*

Example-1: *In Veterinary Microbiology, VMC 211 – General Veterinary Microbiology (2+1) is offered in III semester and VMC 221 - Immunology and Serology (1+1) is offered in IV semester. The ABE conducted at the end of second year includes a paper in Microbiology called Veterinary Microbiology Paper- I, which will have 67% questions from VMC211 and 33% from VMC 221. In practical examination, also due weightage will be given for each course. Due weightage to each course shall be given (based on the credit hours) to determine the questions under a subject.*

Example – 2: *If there is only one course in a subject in an academic year, the ABE will have questions from only that course.*

Summary: The ABE is only for a subject in an academic year and not for the courses

- (4)** The student shall be given a maximum six preparatory holidays (inclusive of public holidays) before commencement of annual board examinations.
- (5)** The schedule of examinations both IE and ABE shall be held on such dates, time and places as notified by the Dean and the University respectively. No re-examination shall be allowed in events of students strike, boycott, walkouts,

medical grounds or what-so-ever may be the reason. The results of ABE shall be announced before the commencement of the next academic year.

- (6) In an unusual event of external examiner for ABE not turning up at the last moment despite accepting the offer, the Deans of the respective College shall fix an external examiner from the available faculty and such action may be ratified later by the University.
- (7) All examinations must be completed as per the schedule prepared by the University so that the results are announced before the commencement of the ensuing academic year.
- (8) Unfair means during examinations: The Dean of the College shall be responsible for dealing with all cases of "Use of unfair means" in the various examinations. The phrase, "Use of unfair means" includes possession of any information or material by the student, talking to other students, copying from other students or from printed or written material etc. The Invigilator concerned, on finding the use of unfair means by any student may take the answer scripts of the student and the material evidence, if any, and the explanation from the student. The student may also be sent out of the examination hall immediately. The Invigilator concerned shall report each case of unfair means direct to the Dean immediately with full details of the incident, answer scripts, the available evidence and explanation of the concerned student, if any. The Dean, on receipt of the report, may give an opportunity to the concerned student to represent his case. Considering all the available evidence, the Dean shall take appropriate action immediately. The penalty shall be as indicated below:
 - i A student found using unfair means during the internal and annual examinations shall be deemed to have failed in all the courses he/she has registered in that academic year and/or in such of those courses in which he/she appeared for annual examination in that year. In such cases, the student shall not be permitted to take the remaining examinations, if any, in that academic year and shall be deemed to have attempted and failed in those examinations. The Dean after passing orders shall report each case on above immediately to the University.
 - ii For using unfair means of a serious nature such as ignoring the repeated instructions of invigilator or abusing or threatening or assaulting the invigilator, warranting higher penalties than those indicated in the above clause the Dean, besides treating the students as failed in all the courses, he / she registered in that year, may further debar the student for the succeeding year and the fact informed to the University. If further or more severe punishment is felt necessary, the Dean shall immediately inform the University about the full details of each together with all the material evidence, if any, and his recommendation. The explanation or representation of the student, if any, may also be sent. The Vice-Chancellor after examining the case may debar the student for further period or permanently. The decision of the Vice-Chancellor shall be final.

- iii The parent or the guardian of the concerned student shall be informed of any punishment awarded to the student and the reason there of.
- (i) Materials to be evaluated for ABE (practical examination).
- (a) Practical records and log book of all courses involved – 15%
 - (b) Performance during practical examination –(identification of spotters, experiments, problem solving, case study etc.) – 50%
 - (c) Performance during viva voce to assess the level of competence and concept of the subject covered – 20%
 - (d) Projects/assignments completed in each course during the period – 15%
- (j) **Compartment Examination:** A student failing in a maximum of two papers only may be allowed once to appear in compartment examinations for those papers. Compartment examinations shall comprise of the external component of both theory and practical of the failed papers, which shall constitute the 100% weightage for those papers and the marks of internal examination shall not be considered for the evaluation of compartment examination. The compartment examination shall be conducted within 20 calendar days after the date the results of the concerned professional year examination declared. The results of such compartment examination shall be declared within five calendar days after the examination is conducted. In case of failure in any of the compartment paper(s), the student will be reverted back to the previous professional year and will be required to repeat all the requirements of that failed professional year. Students should not be permitted to take compartment examination as a mean for improving the marks in a paper in which he/she has passed. It should be extended only to students failed in a paper(s).
- (k) **Scrutiny of Grades, Answer books and Rectification of errors:** *The student may apply to the Controller of Examination within three working days after the announcement of the grades for scrutiny of the totalling of marks in the annual examination (for both theory and practical) or calculation of grade points obtained by his/her advancing sufficient reasons for such a request.* The fee for such scrutiny shall be as decided by the University from time to time. The Controller of Examination shall arrange for the scrutiny of answer book by the moderation committee. Scrutiny means re-totalling of marks and examination of unmarked questions if any. The answer books shall not be shown to the student under any circumstances. In case the total marks are found to be incorrect on scrutiny, the same will be corrected and the results shall be revised accordingly (even if it is on the lower side). If, however, any question is found to be unchecked by the examiner, the answer book shall be sent to the examiner for the needful and the result shall be revised accordingly if there occurs any change in the marks. A photocopy of answer book shall be retained at the University while sending the original answer book to the examiner. No representation by the student shall be entertained regarding the outcome of the result after scrutiny. In case a student on the basis of the result of scrutiny becomes eligible for the compartment examination, he/she may apply to the authority concerned to appear in the compartment examination on the

announced scheduled date. However, the scheduled date of the compartment examination shall under no circumstances be changed on this account. There shall be no provision for re-evaluation of answer books.

(l) Moderation:

- (a) Question paper: *The University may appoint a single moderator or a board of moderators not exceeding three in number for every paper in Annual Board Examinations. The moderator(s) shall review the question papers on the day of examination after they have been distributed. Any corrections needed will be conveyed to the external examiners and any discrepancy in the question paper in respect of syllabus noticed will be conveyed to the Controller of Examination in a written report for necessary action.*
- (b) Results: The Board of Examination shall review the results for the normal distribution of marks, the percentage of pass or failure. Any moderation suggested shall be uniformly applied to all students for that paper(s) without altering the merit of the passed candidates. Any moderation effected should not involve of enhancing of more than total five marks in a professional year for a particular candidate, and in no case more than three marks in one paper. The provisions for Moderation of results shall not apply to Compartment Examinations. There shall be no provision for grace marks in any case.

12. Teachers, Examiners and Paper Setters:

- (1) The persons with basic veterinary qualification (B.V.Sc / B.V.Sc &A.H.) shall be recruited as teaching faculty in veterinary colleges.
- (2) Teachers in the disciplines of Biochemistry, Biotechnology, Bio-Statistics and Computer Application, Entrepreneurship, Extension and Economics may be recruited from the persons having qualifications other than the basic veterinary qualifications only in case of non-availability of candidates with basic veterinary qualifications. Where candidates with basic veterinary qualifications are available they should be given priority in selection/appointment over the candidates without basic veterinary qualification. Appointment of persons without basic veterinary qualification as teachers in the aforesaid disciplines shall require prior approval of the Veterinary Council of India.
- (3) The post of Head of Department in a Veterinary College shall be filled up only with a teacher with basic veterinary qualification.
- (4) A person possessing qualification included in the First Schedule or Second Schedule to the VCI Act shall be appointed as examiner or paper setter for the conduct of a professional examination for the B.V.Sc & A.H course. However, a person without the qualifications mentioned above may also be appointed examiner in his/her concerned subject provided he/she possesses the doctorate degree in that subject and a minimum three years teaching experience.
- (5) Provided that

- (a) No such person shall be appointed as an external examiner unless he/she has atleast three years of teaching experience.
 - (b) No person below the rank of an Assistant Professor / Lecturer shall be appointed as an internal examiner;
 - (c) No person shall be appointed as an external examiner in any para clinical / clinical subject unless he/she possesses a recognised veterinary qualification and holds a postgraduate degree and teaching experience in the subject concerned.
 - (d) Persons working in Government / Semi government or similar employment may also be considered for appointment as external examiners provided they possess qualification and experience as laid down above.
 - (e) A paper setter shall be chosen by the University from among professionals who are not in the current teaching roles of the University and shall conform to the qualification suggested in these regulations 12 (4-5). Paper setter(s) cannot be appointed as practical examiner(s) in the same paper. He shall be provided with courses and syllabus prescribed by the University. He shall be asked to prepare two sets of question papers each for ABE and for compartment examination, seal them in separate covers and affix his/her signature on each set. The University may appoint more than one paper setter.
- (6) The respective internal and external examiners with mutual co-operation shall conduct oral and practical examinations. They shall each have 50% of the maximum marks out of which they shall allot marks to the candidate appearing at the examination according to their performance and the marks sheet so prepared shall be signed by both the examiners.
 - (7) The College shall provide all facilities to the internal and external examiners, which are necessary for the conduct of examinations and the internal examiner shall make all preparations for holding the examinations.
 - (8) The external examiner shall have the right to communicate to the University and VCI his/her views and observations about shortcomings or deficiencies in the facilities provided by the veterinary College, if he/she so desires.
 - (9) Verification of percentage of passing / failing and deviation from the normal curve of distribution will be subject to scrutiny / enquiry by the University.

13. Academic Status and Scholastic Deficiencies:

- (1) Promotion or failure of a student in a professional year shall be decided only on the basis of aggregate marks of internal and annual examinations. Overall performance of the student in various examinations including the ABE is the criterion for passing or failing in a paper and not the internal examination conducted at each semester.
- (2) A student shall be promoted to next higher professional class only if he/she has passed in all the papers of his/her class by obtaining atleast 50% marks in theory and practical separately (internal and annual examinations combined).
- (3) A student should secure over all grade point average of 5.000 out of 10.000 besides clearing successfully the internship, non-credit and audit

courses/programmes at the end of degree programme to be eligible to get B.V.Sc &A.H degree.

- (4) Conditionally Allowed Promotion: A student may also be allowed provisional promotion to next higher class till the declaration of the result of the compartment examination(s). However, this promotion shall be subject to clearance in the compartment examination(s) of that/those paper(s) and shall be provisional. If the student fails in the compartment examination(s), he/she shall stand automatically reverted to the class from where he/she was allowed promotion.
 - (5) *Failed students shall register again for all the credit courses only and not for the non-credit courses in the professional class, they failed. Such students shall have to fulfil all requirements of credit courses of that class afresh.*
 - (6) A student failing in the annual examination for three consecutive years in a professional year of B.V.Sc & A.H. degree programme, shall be finally dropped automatically from the University on account of poor academic performance.
 - (7) In no case, a student shall be allowed to continue his/her B.V.Sc & A.H studies beyond 8 academic years (16 semesters) in a veterinary college.
14. Year of standing: The year of standing of a student shall be determined solely on the basis of his/her completion of prescribed number of credit hours successfully.
15. Graduation requirements: The student shall satisfy minimum residential requirement of IX semesters of study, non-credit courses/programme, audit courses and internship programme of six months.
16. Requirements for bachelors degree:
- (1) A student-undergoing course of study leading to the award of B.V.Sc & A.H. (Bachelor of Veterinary Science and Animal Husbandry) shall pass the course and complete the minimum number of credit hours prescribed thereof, by the Academic Council from time to time by obtaining a minimum OGPA of 5.000 in the 10.000 point scale.
 - (2) The University shall issue a provisional course completion certificate on passing the ABE at the end of IX Semester including non-credit courses / tracking programmes, audit courses and such other courses/programmes identified by the University from time to time.
 - (3) The State/Union Territory Veterinary Council or Veterinary Council of India will grant provisional registration to the candidate on production of provisional B.V.Sc & A.H. course completion certificate. The provisional registration will be for a minimum period six months and maximum period of eight months.
 - (4) Classification of successful candidates: The successful candidates after completion of the graduation requirements who secured an OGPA of 5.000 or more in the 10.000 point scale shall be classified as under;
5.000 to 5.999 - Pass
6.000 to 6.999 – Second Division (provided the student has secured a pass within the minimum prescribed period of study)

7.000 to 7.999 – First Division (provided the student has secured a pass within the minimum prescribed period of study)

8.000 and above – First Division with Distinction (provided the student has secured a pass within the minimum prescribed period of study)

However under the circumstances, where a student discontinued the course temporarily on medical grounds, etc. during any one year with prior permission, but passed all the Board Exams which he/she appeared shall be given division such as “distinction or first class”, even if the student has not completed the course within the minimum prescribed period of study.

17. Internship: Every student is required after passing the fifth annual examination (Final B.V.Sc & A.H. examination) to undergo compulsory rotating internship to the satisfaction of the University for a minimum period of six calendar months to be eligible for the award of the degree of B.V.Sc. & A.H. and full registration with the council.
- (1) Compulsory rotating internship shall include fulltime training in veterinary and animal husbandry service (including emergency duties and night duties). The intern will devote whole time to the training and will not be allowed to accept a whole time or part time appointment paid or otherwise.
 - (2) It shall be undertaken only after successful completion of all credit requirements of veterinary curriculum including tracking programme, study circles, entrepreneurial training and RVC squadron / NCC / Equestrian / NSS / Sports and such other programmes as identified by the University from time to time as prescribed under these regulations.
 - (3) The University shall issue provisional course completion certificate of having passed all the professional examinations and having successfully completed course work. The State or Union Territory Veterinary Council or the Veterinary Council of India will grant provisional registration to the candidate on production of provisional B.V.Sc & A.H course completion certificate. The provisional registration will be valid for a minimum period of six months and a maximum period of eight months. After provisional registration with the State or Union Territory Veterinary Council or Veterinary Council of India, the candidate shall register for internship of six calendar months
 - (4) Interns will be actively involved in rendering veterinary service under the supervision of an experienced teacher / veterinarian. They shall assist the teacher / veterinarian in all activities of the units they are posted in.
 - (5) During the period of internship they shall be provided residential accommodation/lodging if available and shall be paid consolidated remuneration in the form of internship allowance as may be decided by the University from time to time.
 - (6) Attendance during internship will be compulsory. However, they are entitled to 10 days of casual leave. The leave cannot be claimed as a matter of right until and unless sanctioned by the sanctioning authority. The sanctioning authority shall be the Coordinator for the internship programme identified by the Dean of the college concerned. If an intern wilfully absents from the training programme even if for part of a day or during off hours duty (including Sundays/ holidays) he/she may be treated absent for that day. The candidate

will be required to undergo training for additional days in lieu of the absence period and internship allowance will not be paid for these additional days.

- (7) In case of unsatisfactory work/performance and/or shortage of attendance the period of compulsory internship shall be extended by not more than two months by the Dean of the college concerned. If the period is more than two months, the intern has to reregister afresh for the internship programme for six calendar months including registration with the State or Union Territory Veterinary Council. No internship allowance will be paid for the period of absence /unsatisfactory performance / extended period.
- (8) The internship programme shall be monitored by a committee constituted by the Dean of the college concerned under his/her chairmanship including among others, the Heads of Teaching Veterinary Clinical Complex and Instructional Livestock Farm Complex as members. The committee shall monitor the effective implementation of the internship training programme from time to time.
- (9) All parts of the internship shall be done as far as possible in veterinary institutions in Tamil Nadu. However, the University may identify institutions located outside the state of Tamil Nadu either national or international to impart internship.
- (10) The compulsory rotating internship for six calendar months shall be done in teaching and approved veterinary polyclinics/ veterinary hospitals, veterinary biological, technology centres, farms and veterinary disease investigation centres attached to the institutions. The compulsory rotating internship shall be in the following areas:-
 - (a) Clinical training covering veterinary medicine, surgery and radiology, animal reproduction, gynaecology and obstetrics, clinical emergencies, indoor ward care, hospital management, record keeping etc. for three months.
 - (b) Livestock production and management training, covering farm routines of cattle and buffalo farms, piggery and rabbitry, sheep and goat farms and equine/camel units etc. for one month.
 - (c) Poultry production and management covering layer and broiler production, hatchery and chick management, quail, turkey, duck units etc. as well as fishery or any other recycling unit where feasible - one month
 - (d) Livestock technology and service: covering familiarisation in biological product units, disease control campaigns, (disease investigation and sample collection and despatch, vaccination, mass testing etc.) in plant training in meat plants, milk plants, etc, training in zoo/wild life centre / national parks for one month
- (11) Details of day-to-day work posting need to be worked out by the veterinary institution as per the needs and infrastructure facilities.
- (12) Where an intern is posted to a recognised veterinary hospital for training, a representative of the College and the in charge of the veterinary hospital shall regulate the training of such interns.

- (13) Every intern shall render professional veterinary service, skill and knowledge under supervision and guidance of a registered veterinary practitioner working in the approved veterinary institution.
- (14) Functions, responsibilities and duties of the interns:
- (a) Participation with clinical faculty in the hospital practice.
 - (b) Shares the emergency and night duties on rotation in the larger and small animal hospitals including Sundays and holidays.
 - (c) Participation with staff of the place of posting in veterinary practice (production or technology).
 - (d) The intern responsibilities including hands-on diagnostic and treatment procedures for hospitalized cases under the supervision of the attending veterinarian.
 - (e) Participation in the tutorial programme of the Veterinary College.
 - (f) The intern will administer primary care to emergency cases and participate in service such as anaesthesia, radiology, ultrasonography, endoscopy, laboratory and diagnostic procedures. Medicine and Surgery rounds are held periodically allowing the interns to present cases and participate in topic discussion.
- (15) The training shall be supplemented by weekly sessions of clinical conference, farm operation, data analysis, preparation of feasibility reports, project report, campaigns/discussions in clinical training, farm training and technology and services respectively.
- (16) For the purpose of internship all necessary inputs, like accommodation, transport, adequate clinical facilities etc. shall be provided as far as possible
- (17) The intern shall maintain a log- book of day-to-day work, which may be verified and certified by the Supervisor under whom he/she works. In addition the intern will prepare a brief project report on the basis of his/her case study/ case analysis, survey reports etc. This shall be based on his/her own study during the internship. Such reports can be supervised by more than one teacher, if required. The interns shall present such report in seminar organized for the purpose.
- (18) Every intern shall have to submit an entrepreneurial project during the internship programme.
- (19) The list of core competence in veterinary skills is as below.
- (20)
- (i) Restraint of cow, sheep, horse, dog and pig. Haltering, snaring, muzzling, tail switch, bandaging of horse for exercise and stable bandaging.
 - (ii) Animal identification, Dentition and ageing of animals.
 - (iii) Housing layout/ requirements of livestock and poultry.
 - (iv) Computation of ration of livestock of different breeds and age groups in health and disease.
 - (v) Fodder management and interpretation of feed quality evaluation.

- (vi) Physical evaluation of livestock health parameters (auscultation, percussion, recording of temperature, pulse, heart rate, respiration rate etc.)
- (vii) Recording and interpretation of cardiovascular response.
- (viii) Testing of milk and milk products for quality, clean milk production.
- (ix) Carcass quality evaluation (ante-mortem & post-mortem examination)
- (x) Specific diagnostic tests for zoonotic diseases.
- (xi) Sample collection, handling and dispatch of biological materials for laboratory examination.
- (xii) Staining techniques for routine clinico-pathological examinations.
- (xiii) Relating post-mortem lesions to major livestock diseases.
- (xiv) Haematological evaluation (total leukocyte count, differential leukocyte count, haemoglobin, packed cell volume, erythrocyte sedimentation rate etc.) and interpretation.
- (xv) Tests and their interpretation for haemoprotozoan diseases.
- (xvi) Body fluids collection, examination and interpretation as an aid to diagnosis.
- (xvii) Urine evaluation procedures and interpretation as indicators for diagnosis of diseases.
- (xviii) Fecal examination-procedures and interpretation.
- (xix) Examination of skin scrapings and interpretation.
- (xx) Interpretation of blood chemistry profile in diseases.
- (xxi) Deworming procedures and doses for different species of animals/birds.
- (xxii) Managing an outbreak of infectious/contagious disease.
- (xxiii) Approach to diagnosis of a given disease condition.
- (xxvi) Pre-anesthetic administration and induction, maintenance of general anaesthesia and dealing with anesthetic emergencies.
- (xxv) Local anaesthetic administration.
- (xxvi) Nerve blocks – sites, functional applications.
- (xxvii) Suture material, suture pattern and tying knots.
- (xxviii) Common surgical procedures including dehorning, docking, caesarian section, ovario-hysterectomy, castration, rumenotomy.
- (xxix) Application of plaster cast/splint for fracture immobilization and other bandaging procedure in large and small animals.
- (xxx) Soundness in horses.
- (xxxi) Rectal examination – palpation

- (xxxii) Defection of oestrus, artificial insemination, pregnancy diagnosis.
- (xxxiii) Management of vaginal/uterine prolapse and dystocia.
- (xxxiv) Andrological examination of bull, handling, preservation and evaluation of semen.
- (xxxv) Vaccination procedures, vaccination schedules and vaccine types for different diseases.
- (xxxvi) Handling of radiograph, interpretation of a given radiograph of large and small animals.
- (xxxvii) Client management.
- (xxxviii) Managing a clinical practice, ambulatory van, transporting a sick animal requirements, etc.
- (xxxix) Dosage regimens of important drugs.
- (xl) Drug administration techniques in different species of animals-oral, parenteral, rectal, intra-peritoneal and intra-uterine.
- (xli) Identification of major livestock-poultry breeds.
- (xlii) Measuring climatic parameters and their interpretation.
- (xliii) Communication technology tools.

However, the University shall add to this list of core competence from time to time.

- (21) *A comprehensive viva voce examination will be conducted at the end of internship programme at college concerned by an evaluation committee constituted for the purpose by the Dean. The committee shall consist of faculty representing the departments concerned with the internship. The grading shall be based on evaluation of log book, their performance reports from all the minimum prescribed training postings, project report and comprehensive examination in core competence in veterinary skills conducted at the end of the programme by the evaluation committee. There shall be no marks for this examination. Every intern shall be graded as Excellent / Very Good / Good / Satisfactory or as Unsatisfactory based on the evaluation of this examination and submission of Entrepreneurship project. The grade unsatisfactory shall be treated as unsuccessful completion of internship programme. In case of unsuccessful completion, the student has to repeat the internship programme and no allowance shall be paid to the student during that period.*
- (22) The other details of conduct of evaluation for the internship programme shall be provided by the University as operating guidelines from time to time.
- (23) On successful completion of training, the Dean of the college concerned shall issue a certificate regarding this as prescribed by the Veterinary Council of India and the University shall approve the same and award the provisional degree certificate.
- (24) The candidate will become eligible for registration with the State/Union Territory Veterinary Council only on the award of the B.V.Sc & A.H. degree or production of a provisional degree certificate issued by the University.

- 18.** Tracking programme: The tracking programmes have been developed to allow students to exercise control over the specific direction of their profession and motivate them for self learning through virtual class room, distant learning, internet etc.
- (1) A student has to compulsorily register for two programmes of two credits (2 X 0+2 = 0+4) any time during second to fifth year of B.V.Sc & A.H degree course. Each programme shall be for a duration of a semester and they should not be taken together in a semester.
 - (2) The Dean of the college concerned shall identify one or more faculty as supervisor(s) for each programme and students should register for the same.
 - (3) The tracking programmes are considered as non-credit courses but shall be mentioned in the degree transcript along with the grades obtained.
 - (4) The list of tracking programme, method of its conduct, evaluation, grading and other issues related to this shall be as provided by the Veterinary Council of India and the University from time to time.
- 19.** Study circles: Each student of B.V.Sc & A.H degree course should enrol for atleast two study circles during the course out of the proposed study circles as identified by the Veterinary Council of India
- (1) The list of study circles as identified by the Veterinary Council of India are as below:
 - (a) Livestock and Livelihood
 - (b) Production Systems
 - (c) Ecosystems and livestock study
 - (d) Equine
 - (e) Canine
 - (f) Diagnostics
 - (g) Alternate animal use
 - (h) Fun/Support Animal
 - (i) Law and Veterinary Science
 - (2) No student shall be allowed to change the study circles during the professional year.
 - (3) The method of its conduct, identification faculty, evaluation, grading and other issues related to this shall be as provided by the Veterinary Council of India and the University from time to time.
- 20.** Entrepreneurial Training: Every student of B.V.Sc & A.H degree course shall be required to compulsorily undertake one of the activities of entrepreneurial training as identified by the Veterinary Council of India and the University from time to time. The area identified by the University should be of regional importance.
- (1) The method of its conduct, allocation of funds, identification of faculty, evaluation, grading and other issues related to this shall be as provided by the Veterinary Council of India and the University from time to time.

21. Non credit training programmes: The Remount Veterinary Corps (RVC)/National Cadet Corps (NCC), Sports (Physical Education), National Service Scheme (NSS) and such other programmes as identified by the Veterinary Council of India and the University shall be the non credit programmes for B.V.Sc & A.H degree course. Every student has to enrol for any one of these programmes for a duration of minimum of two professional years. Enrolling in any of the programmes is compulsory for the award of B.V.Sc & A.H. degree.
- (1) The method of its conduct, identification of faculty, evaluation, grading and other issues related to this shall be as provided by the Veterinary Council of India and the University from time to time.
22. Migration/Transfer of student:
- (1) A student studying in a recognized veterinary College may be allowed to migrate/be transferred to another recognised veterinary College under another / same University.
- (2) The migration / transfer may be allowed by the University concerned after passing I year of B.V.Sc & A.H degree course within a one month after start of academic session of II year of the receiving college / University.
- (3) Migration/transfer of a student shall not be allowed during the middle of an academic year.
- (4) The number of students migrating / transferring from one veterinary College to another veterinary College during the period of one year will be kept to the maximum limit of 5% of the intake capacity of each of the veterinary Colleges in one year.
- (5) Cases not covered under such regulations, (1) to (4) may be referred to the Veterinary Council of India for consideration on merits.
- (6) An intimation about the admission of migrated / transferred students into any veterinary College may be sent to the Veterinary Council of India by the respective University.
23. Student responsibility: All under-graduates studying in this University are expected to know the requirements for the award of Bachelor's degree and general academic requirements and assume full responsibility for meeting them. They are expected to keep constantly in touch with their advisors so that the later may watch their progress and guide them along right lines. In no case will a regulation be waived or exemption made simply because a student pleads ignorance to it.
24. Record of Courses: To ensure that requirements for the award of degree have been completed by a student, the University shall keep a record of courses completed by the students. A copy of the same shall be maintained by the Dean of the college concerned.
25. Authorities to approve results and issue pass certificates, transcripts, etc. The Vice-Chancellor shall approve the results on the recommendation of the Board of Examination and Registrar shall issue the provisional degree certificate, transcript etc. to the candidate.
26. Award of Diploma: A diploma under the seal of the University and duly signed by the Officers authorized on its behalf shall be presented at a Convocation to each candidate who has successfully completed the graduation requirements for the

award of Degree, Diplomas of the candidates who have successfully completed the graduation requirements for the award of degree and are admitted IN ABSENTIA to a degree at a Convocation, shall be sent by post. The diploma shall set forth the name of the candidate, father's name, degree, month and year of successful completion of the graduation requirements, etc. The Bachelors degree in the faculty of Veterinary Science shall contain the OGPA obtained and the class in which he / she has been placed in addition to the particulars already mentioned in the regulations.

27. Amending or Cancellation of results: If the result of a candidate is discovered to be vitiated by error, malpractice, fraud, improper conduct or any other reasons, the Vice-Chancellor shall have the powers to amend the result in such a manner as to accord with the true position, and to make such declaration as the Vice-Chancellor may deem necessary in that behalf. If it is found that the result of a candidate has been vitiated by malpractices, fraud or other improper conduct where by he/she has been benefited and that he/she has in the opinion of the Vice-Chancellor, been a party to or conceived at the malpractice, fraud or improper conduct, the Vice-Chancellor shall have the powers at any time, notwithstanding the award of a diploma or a certificate or prize or a scholarship, to amend the result of such candidate and to make such declaration as the Vice-Chancellor may deem necessary in that behalf, including debarring the candidate from the University for such a period as may be specified and the cancellation of the result of the candidate in such a manner as the Vice-Chancellor may decide
28. Transitory provision: These regulations shall apply to the students who shall be admitted from the academic year 2009-2010 onwards. No regulation made by the Academic Council, governing the under-graduate courses of study shall be construed, to limit or abridge the powers of the Academic Council to deal with any case or cases of any student or students of B.V.Sc & A.H. course in such manner as it may appear to be just and equitable.