

**GENERAL EXAMINATION INFORMATION
SAVC REGISTRATION EXAMINATION
VETERINARY TECHNOLOGISTS - 2021**

The South African Veterinary Council (SAVC) was established in terms of the Veterinary and Para-Veterinary Professions Act, Act No 19 of 1982 and only persons who are registered with the Council may practice as veterinarians in South Africa.

The position with regards to registration is as follows:

1. SOUTH AFRICAN QUALIFICATIONS

Persons holding the qualifications prescribed in the Act and Regulations are entitled to automatic registration with the Council on receipt of the requisite application form and fee. At present this refers to the Diploma in Veterinary Technology offered by the Tshwane University of Technology.

2. PERSONS WITH FOREIGN QUALIFICATIONS

Persons with qualifications from any other institution throughout the world are required to pass an examination prior to being registered in South Africa. This requirement must not be construed in any way as a comment on the standard or quality of other educational training, but is purely related to the fact that no agreement of reciprocity exists between this Council and the registering authorities of these countries.

Such persons shall submit an application to the South African Veterinary Council (SAVC) for permission to enrol for the examination. Applications for permission to write must be received by the SAVC Administration on or before 31 May. If permission is granted the applicant is required to sit the examination in October or at a date as advised by Council of the same year in Pretoria or a venue to be advised. Please note that an examination will be required unless the Council expressly decides otherwise.

The South African Veterinary Council is the regulatory authority governing the registration of qualified persons and the conduct of the profession.

The Council is not in a position to render assistance with regard to the obtaining of employment in South Africa. The South African Veterinary Council is the regulatory authority governing the registration of qualified persons and the conduct of the profession.

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3. COMPULSORY COMMUNITY SERVICE (CCS)

In terms of regulation 2.1 of the Regulations relating to the performance of compulsory community service (CCS), Persons Who Shall Perform Compulsory Community Service, published in Government Gazette No. 39380, Notice NO. R. 1082, on 9 November 2015 compulsory community service shall be performed by every person registering for the first time as a veterinarian in terms of the Act and shall include a person who obtained his or her qualifications outside the Republic of South Africa, unless exempted in terms of these regulations.

Regulation 7 provides for the circumstances under which certain persons may be exempted from the performance of compulsory community service and reads as follows:

"The Minister may, after consultation with the Council, exempt persons who fall within the following categories from compulsory community service:

- a) Persons who obtained veterinary related post graduate qualifications outside the Republic of South Africa; or*
- b) Persons who belong to para-veterinary professions.*

4. EXAMINATION FOR REGISTRATION AS A VETERINARY TECHNOLOGIST

GENERAL INFORMATION

1. Application to sit for the examination of the South African Veterinary Council must be made in writing and on the prescribed application form to:

Exams: South African Veterinary Council
26 Victoria Link Street, Route 21 Corporate Park, Nellmapius Drive, Irene

PO Box 60114, Pierre van Ryneveld, 0045, South Africa

Tel: 0027 (012) 345 6360

E-mail: edu.coordinator@savc.org.za

2. Examinations are held at:

The Faculty of Veterinary Science, University of Pretoria (UP), Onderstepoort OR

The SAVC offices: 26 Victoria Link Street, Route 21 Corporate Park, Nellmapius Drive, Irene OR

At a venue/s to be advised.

3. The closing date for enrolment is 31 May.
4. Late entries will NOT be considered (refer to Requirement 2.1 of the Rules).
5. If a candidate fails the examination twice, they are only permitted to apply to sit an additional examination if they provide the following:
 - Additional proof that shows that the chances of passing an additional examination are increased based on past performance;
 - Proof of further studies (continuing veterinary education courses) in the relevant areas wherein the person was previously deficient;
 - Other factors relevant to the candidate's personal circumstances;
 - any follow up examinations in which the candidate prepared him/herself with further studies.

6. The examination consists of at least two parts:
 - 6.1 A Computer Based Examination (CBE) consisting of two sessions which is of a general nature and which will test the candidate's basic knowledge and understanding of specific and important South African conditions. Candidates will be given an opportunity before the actual examination to complete an unrelated computer-based questionnaire (dummy run) to enable candidates to familiarise themselves with the CBE format.
 - 6.2 A Practical Examination conducted by panels of examiners appointed by the Council.
 - 6.2.1 During the Practical Examination the candidate's proficiency in English and the applicant's professional attitude will figure prominently (refer to Requirement 2.11 of the rules).
 - 6.2.2 Ancillary examinations are offered in the initial Practical Examination ONLY, to candidates who achieve an overall average of 50% for the Practical Examination, but failed ONE practical panel with marks between 40% - 44,9% for this panel.
 - 6.3 A progression mark of 50% for the CBE sessions, a sub-minimum of 50% in the Practical Examination with a sub-minimum of 45% per panel as well as an overall final combined mark of 50% is required to pass the examination and allow registration.

The final combined mark will be computed as follows:

CBE component	50%
Practical component	50%

(refer to Requirement 3.11 of the rules)

7. Candidates must have a sound knowledge of the main laws pertaining to veterinary science and the veterinary profession in South Africa and their application regulations, viz:
 - 7.1 Fertilisers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No 36 of 1947)
 - 7.2 Animal Diseases Act, 1984 (Act No 35 of 1984) as amended
 - 7.3 Medicines and Related Substances Control Act, (Act No 101 of 1965) as amended
 - 7.4 Veterinary and Para-Veterinary Professions Act, (Act No 19 of 1982), as amended
 - 7.4.1 Rules and Regulations
 - 7.5 Meat Safety Act, 2000 (Act 40 of 2000)
 - 7.6 Animal Improvement Act, 1977 (Act No 25 of 1977) as amended [Animal Improvement Act, (Act No 62 of 1998)]

INCLUDING all relevant gazetted regulations promulgated in terms of the above Acts. These Acts are published in Government Gazettes, which are obtainable at libraries and specifically at:

*The National Library of South Africa
75 Thabo Sehume (Andries) Street
Pretoria
South Africa*

Tel: 0027 (012) 401 9700

*Private Bag X990
Pretoria
0001
South Africa*

Website: www.nlsa.ac.za

8. In addition, candidates must have a sound theoretical and practical knowledge of the following study fields:

- 8.1 **BACTERIOLOGY**
Micro-organisms (bacteria and fungi) that cause veterinary diseases. Emphasis is placed on the isolation and identification of organisms. Advanced techniques.
- 8.2 **HAEMATOLOGY**
Morphology and functions of erythrocytes, leucocytes and thrombocytes, applicable laboratory tests. Abnormal morphology and functions of blood cells, causes and laboratory findings of anaemias and coagulation defects.
- 8.3 **HELMINTHOLOGY**
Identification of parasitic helminths on the grounds of diagnostic characteristics. The life cycle of helminths and prevention and control measures are studied in detail. Recognition and pathology of diseases. Laboratory techniques are introduced.
- 8.4 **HISTOLOGY**
Fixation, bedding and cutting of tissue. Staining and mounting of histological slide preparations. Preparations are used for diagnosis. Cell structures and basic tissue types.
- 8.5 **IMMUNOLOGY AND SEROLOGY**
Specific and non-specific immunity. Antigens. Classification and characteristics of antibodies. Lymphoid organs of antibody production. Antigen-antibody reactions, including complement, precipitation, phagocytosis and agglutination. Cellular and humoral immunity. Serological techniques. Immunopathology.
- 8.6 **PROTOZOOLOGY**
Identification of parasitic protozoa and recognition of the diseases they cause in food, animals and pets. Diagnostic characteristics, life cycles, pathology, prevention and control. Laboratory techniques are introduced.

8.7 ENTOMOLOGY

Identification of parasitic insects and the recognition of diseases transferred and caused by them. Life cycles of insects and environment factors that influence those cycles. Prevention and control, as well as chemical control. Acarology (ticks and mites).

8.8 VIROLOGY

Morphology and structure of viruses. Physical and chemical characteristics. Cytopathology. Distribution and transmission of viruses. Immunisation and chemotherapy. Cultivation and viruses. Immunology. Diagnosis with the aid of serological and biological methods. General epidemiology and pathogenesis. Classification.

8.9 BIOCHEMISTRY

8.10 TOXICOLOGY

8.11 MOLECULAR BIOLOGY

Structure, composition and characteristics of macromolecules. Transcription and translation. Recombinant DNA technology and prokaryotic and eukaryotic genetic manipulation. Use of nucleic acid and probes and primers. Mutation analysis. Practical Techniques.

PLEASE NOTE

If candidates should require any additional information regarding examination policy, the administration and organisation of the examination, they may direct their enquiries to:

The South African Veterinary Council: Exams
PO Box 60114
PIERRE VAN RYNEVELD
0045
Republic of South Africa

E-mail: edu.coordinator@savc.org.za
Tel: 0027 (012) 345 6360

[VC6/2/EXAMS/Doc F – VET TECHS: MAR 2021]

Payments to the South African Veterinary Council (SAVC)

Persons in foreign countries should please note that payments to the South African Veterinary Council should be remitted to:

Bank: ABSA Bank Limited
Account Number: 020 166 762
Branch: Hatfield Branch
Branch Code: 632 005
Swift code: ABSA-ZA-JJ
IBAN NO: 020 166 762 632 005

and payees are to ensure that the amount transferred is the correct amount in South African Rand. When transfers are made, ABSA must be advised of the details pertaining to payment, as follows:

Payment for application to sit registration with the South African Veterinary Council

Person's name: _____

Copy of Identity Document: _____

Date of payment: _____

Please advise the South African Veterinary Council of transfer of payment, as follows:

Person's name: _____

Name of bank of origin: _____

Payee's account number: _____

Amount of payment: _____

Date of payment: _____

E-mail the information to: edu.coordinator@savc.org.za