



# Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu

## Notice

**Sub: Written Examination & Selection criteria for Hiring of Veterinarians and Paravets on temporary basis**

In continuation to Notification No. 36(Est.) of 2022 dated: 03.10.2022, it is to inform that OMR based written examination (Multiple Choice Questions) shall be conducted on 28.10.2022 at SKUAST-Jammu (Chatha Campus) at 12:00 PM for shortlisting/screening the candidates.

The selection criteria for hiring of Veterinarians and Paravets being engaged on temporary basis is given below:

### **Veterinarians:**

i) Written test - 100 Marks

### **Paravets:**

i) Written test - 90 Marks  
ii) Requisite Diploma/Training Certificate (If any) - 10 Marks  
(Not less than 03 months duration)

The syllabus for OMR based examination (Multiple Choice Questions) is annexed herewith as Annexures I & II. Further, candidates are advised to check their eligibility on their own before appearing in the written test. The candidates can download their admit card from the official website of the University i.e. [www.skuast.org](http://www.skuast.org) from 22.10.2022.

The eligibility of the candidates shall be verified by the University before the declaration of the final result. Further, candidates are advised to bring original documents alongwith one set of self-attested copies of following documents on the day of written examination:

	<b>Veterinarians</b>	<b>Paravets</b>
01	Domicile certificate	Domicile certificate
02	Date of Birth certificate	Date of Birth certificate
03	B.V.Sc & A. H degree	10+2 (diploma & Marksheet)
04	Registration certificate from Vety. Council of India / State Vety. Council	Requisite Diploma/Training Certificate, if any (Not less than 03 months duration)

**By Order**

Sd/-  
Registrar

No: AUJ/Est/22-23/G-65/5811-30  
Dated: 18.10.2022

Copy for information to:

- Secretary, Agriculture Production Department. GOJK, Civil Secretariat, Jammu.
- All Officers of the University
- Director, Animal Husbandry Department, Jammu for information
- I/C University Examination Cell, SKUAST-Jammu
- Nodal Officer, Data Centre, SKUAST-J with the request to upload the same on University website
- SVC for kind information of Hon'ble Vice-Chancellor
- Private Secretary to Financial Commissioner (Additional Chief Secretary), Agriculture Production Department, GoJK, Civil Secretariat, Jammu/ Srinagar

Asstt. Registrar (Est.)

18/10/2022

**SKUAST**  
Jammu

SYLLABUS FOR WRITTEN TEST FOR VETERINARIANS

Examination Type and Time Allotted	Name of the Subject	Distribution of (Total points 100)
Objective type  1 hour forty minutes (100 minutes)	Animal Husbandry	30
	Veterinary Science	30
	Dairy Science	30
	General Knowledge	10

Animal Husbandry:

1. General : Importance of livestock in Agriculture, Relationship between Plant and Animal Husbandry, Mixed farming Livestock and milk production statistics.
2. Genetics : Elements of genetics and breeding as applied to improvement of animals. Breeds of indigenous and exotic cattle, buffaloes, goats, sheeps, pigs and poultry and their potential of milk, eggs, meat and wool production.
3. Nutrition : Classification of feeds, feeding standards, computation of ration and mixing of rations, conservation of feeds and fodder.
4. Management : Management of livestock (Pregnant and milking cows, youngstock), livestock records, principles of clean milk production, economies of livestock farming Livestock housing.

Veterinary Science

1. Major contagious diseases affecting cattle and drought animals, poultry and pigs.
2. Artificial insemination, fertility and sterility.
3. Veterinary hygiene with reference to water, air and habitation.
4. Principles of immunization and vaccination.
5. Description, symptoms, diagnosis and treatment of the following diseases



- (a) Cattle: Anthrax, Foot and mouth disease, Haemorrhagic, Septicaemia, Ringbrot, Black quarter, Tympanitis, Diarrhoea, Pneumonia, Tuberculosis, Johnes disease and diseases of new born calf.
  - (b) Poultry : Coccidiosis, Ranikhet, Fowl Pox, Avian Leukosis, Marek's Disease.
  - (c) Swine : Swine fever.
6. (a) Poisons used for killing animals.
- (b) Drugs used for doping of race horses and the techniques of detection.
- (c) Drugs used to tranquilize wild animals as well as animals in captivity.
- (d) Quarantine measures prevalent in India and abroad and improvements therein.

#### Dairy Science

1. Study of milk composition, physical properties and food value.
2. Quality control of milk, common tests, legal standards.
3. Utensils and equipment and their cleaning.
4. Organization of Dairy, processing of milk and distribution.
5. Manufacture of Indian indigenous milk products.
6. Simple dairy operations.
7. Micro-organisms found in milk and dairy products.
8. Diseases transmitted through milk to man.

#### General Knowledge

Questions on General Knowledge, shall comprise National Affairs, J&K Affairs and questions relevant to the subject.

Syllabus for conducting written test for *Paravets*

Examination Type and Time Allotted	Name of the Subject	Distribution of (Total points 100)
Objective type  1 hour forty minutes (100 minutes)	Basis Mathematics	20
	Basic Reasoning	20
	Basic English	20
	General Awareness and Science	20
	Basic Animal Husbandry	20

**Basic Mathematics:** Percentage, Average, Time, Work and Distance, Ratio and

Proportions, Problem of Age, Probability, LCM, HCF, Mensuration

**Basic Reasoning:** Analogies, Relationship concepts, Figure odd one out, Direct Sense, Figure Series completion, Venn diagram, Number series, Coding/Decoding

**Basic English:** Articles, Synonyms, Antonyms, Preposition, Verbs, Reading comprehension, Determiners, Spellings, Sentences

**General Awareness and Science:** General current events (National Level), Sports, India culture, Indian history, Indian geography, Capital/State, General Science, Health, Hygiene and Sanitation, Geography of Jammu and Kashmir, Culture of Jammu and Kashmir, History of Jammu and Kashmir.

**Basic Animal Husbandry:** Livestock breeds. Dentition and its utilization in ageing. Feeding schedule of livestock at different stages of lactation. Fodder crops grown for hay and silage. Feeding and watering of animals during harsh winter. Housing and its types: Different types of animal housing systems. Space and other requirements therein. Signs of oestrus and gestational ages of different livestock species. Most commonly prevalent post parturient diseases like ROP, and milk fever. Physiological parameters in animals. Different methods of drug administration. Vaccination and its schedule in common livestock species. Commonly available de-wormers and its dosing. Signs of diseases in animals. First aid in wound and fracture management.

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