

- ✓ प्रिंटर, टेबलेट एवं मोबाइल का संचालन।
- ✓ वर्ड प्रोसेसिंग (MS-Word) एवं एक्सेल प्रोसेसिंग (MS-Excel) के महत्वपूर्ण तत्वा
- ✓ ऑपरेटिंग सिस्टम, सोशल नेटवर्किंग, ई-गवर्नेंस
- डिजिटल वित्तीय उपकरण और अनुप्रयोग।
- भविष्य के कौशल और साइबर सुरक्षा।
- कम्प्यूटर और सूचना प्रौद्योगिकी के क्षेत्र में होने वाले तकनीकी विकास एवं नवाचार (आर्टिफिशियल इंटेलिजेंस, बिग डेटा प्रोसेसिंग, डीप लर्निंग, मशीन लर्निंग, इन्टरनेट ऑफ थिंग्स) तथा इस क्षेत्र में भारत की उपलब्धियाँ आदि।

### भाग-3

#### (उत्तर प्रदेश राज्य से संबंधित सामान्य जानकारी)

प्रश्न पत्र के इस भाग से उम्मीदवारों से उत्तर प्रदेश का इतिहास, संस्कृति, कला, वास्तुकला, त्योहार, लोक नृत्य, साहित्य, क्षेत्रीय भाषायें, विरासत, सामाजिक रीति-रिवाज और पर्यटन, भौगोलिक परिदृश्य एवं पर्यावरण, प्राकृतिक संसाधन, जलवायु, मिट्टी, वन, वन्यजीव, खान और खनिज, अर्थव्यवस्था, कृषि, उद्योग, व्यवसाय और रोजगार, राजव्यवस्था एवं प्रशासन तथा समसामयिक घटनाओं एवं विभिन्न क्षेत्रों में उत्तर प्रदेश राज्य की उपलब्धियाँ आदि पर आधारित प्रश्न पूछे जायेंगे।

There will be one question paper in the written examination, which will contain 100 questions and the total time duration will be two hours. The questions of the examination will be objective and multiple-choice type. Each question will be of one mark. There is a provision of negative marking for each wrong answer for the examination, which will be 25 percent i.e.  $\frac{1}{4}$  of the marks prescribed for that question.

### Examination Plan

The parts of examination, subjects, number of questions, total marks and time period will be as per the details given below-

| Part   | Subject                                  | Number of Questions | Total Marks | Time Period |
|--------|------------------------------------------|---------------------|-------------|-------------|
| Part-1 | (1) Anatomy of Livestock and Poultry     | 04                  | 04          |             |
|        | (2) Introduction to Livestock Management | 05                  | 05          |             |

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|               |                                                                                                                                      |            |            |                            |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------------------------|
|               | (3) Introduction to Livestock Breeds and Economic Traits                                                                             | 05         | 05         | Two Hours<br>(120 Minutes) |
|               | (4) Basics of Animal Nutrition and Health                                                                                            | 05         | 05         |                            |
|               | (5) Basics of Animal Physiology                                                                                                      | 04         | 04         |                            |
|               | (6) Basics of Clinical Pathology                                                                                                     | 03         | 03         |                            |
|               | (7) Elementary Parasitology                                                                                                          | 03         | 03         |                            |
|               | (8) Fundamentals of Pharmacology                                                                                                     | 05         | 05         |                            |
|               | (9) Clinical Biochemistry & Introduction to Gynaecology                                                                              | 04         | 04         |                            |
|               | (10) Basics of Clinical Veterinary Medicine                                                                                          | 05         | 05         |                            |
|               | (11) Veterinary Clinical Pharmacy                                                                                                    | 05         | 05         |                            |
|               | (12) Preliminary Surgical Procedures                                                                                                 | 04         | 04         |                            |
|               | (13) Pharmacist Jurisprudence                                                                                                        | 05         | 05         |                            |
|               | (14) Farm Management & Extensions                                                                                                    | 05         | 05         |                            |
|               | (15) Hospital Practice Training                                                                                                      | 03         | 03         |                            |
| <b>Part-2</b> | Knowledge of concepts of Computer and Information Technology and contemporary technological development and innovation in this field | 15         | 15         |                            |
| <b>Part-3</b> | General information related to the state of Uttar Pradesh                                                                            | 20         | 20         |                            |
| <b>Total</b>  |                                                                                                                                      | <b>100</b> | <b>100</b> |                            |

**Note-** There is a provision of negative marking for each wrong answer for the above examination, which will be 25 percent i.e.  $\frac{1}{4}$  of marks prescribed for that question.

अभिषेक कुमार



## SYLLABUS

### Part-I

#### (Subject related Knowledge)

**(1) Anatomy of Livestock and Poultry:**

Study of the skeletal system, major bones, and joints, Structural layout of digestive, respiratory, and circulatory systems, Location of uro-genital systems, nervous systems, sense organs, and superficial lymph nodes.

**(2) Introduction to Livestock Management:**

Basic terminology for managing cattle, buffalo, sheep, goat, horses, camels, and pigs, Animal housing designs and daily routine management like grooming, washing, dipping, and shearing, Handling pregnant animals, new born calf rearing, and methods like dehorning or castration.

**(3) Introduction to Livestock Breeds and Economic Traits:**

Identification of popular native, exotic, and crossbred livestock breeds, Basic systems of breeding (in-breeding vs. cross-breeding), Maintaining essential livestock farm records and farm economics

**(4) Basics of Animal Nutrition and Health:**

Types of livestock feeds, fodders, and balanced ration formulation, Nutritional deficiencies and primary signs of poor health in farm animals

**(5) Basics of Animal Physiology:**

Elementary knowledge of physiological functions of various organs of livestock and poultry.

**(6) Basics of Clinical Pathology:**

Introduction to common laboratory tools and sterilization practices, Routine sample processing including blood, urine, and fecal analysis.

**(7) Elementary Parasitology:**

Identification of common internal parasites (worms, flukes) and external parasites (ticks, mites, lice), Life cycles of parasites and common deworming schedules.

**(8) Fundamentals of Pharmacology:**

Basic classification of veterinary medicines and their sources, Methods of drug administration (oral, injections, ointments), Basic concepts of drug dosage calculation, side effects, and storage rules.

**(9) Clinical Biochemistry & Introduction to Gynaecology:**

Understanding blood serum parameters, Elementary knowledge of livestock reproduction and pregnancy diagnosis assistance.

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**(10) Basics of Clinical Veterinary Medicine**

Basic knowledge of different livestock and poultry disease, identification on the basis of gross physical examination physiological parameter and their method. General principles of prevention and control of diseases.

**(11) Veterinary Clinical Pharmacy:**

Compounding techniques: Preparing mixtures, lotions, ointments, powders, and tinctures, Dispensing science: Labelling, reading prescriptions correctly, and packing medicines, Inventory control: Cold-chain management for vaccines, tracking expiry dates, and narcotic drug registers.

**(12) Preliminary Surgical Procedures:**

Introduction to surgical instruments, sterilization, and autoclave operations, Preparing the animal for surgery (shaving, antiseptic cleaning), Wound dressing, bandaging, post-operative animal monitoring, and suture care.

**(13) Pharmacist Jurisprudence:**

Laws governing the sale, storage, and distribution of animal medicines in India, Ethics of a veterinary pharmacy practitioner.

**(14) Farm Management & Extensions:**

Maintaining daily hygiene and bio-security on a dairy or poultry farm, communicating basic health practices to farmers and helping organize animal health camps.

**(15) Hospital Practice Training:**

Complete hands-on training inside a veterinary polyclinic setup. Handling emergency cases, assisting veterinarians during physical exams, and managing incoming pharmacy stock.

**Part-2**

**(Knowledge of Concepts of Computer and Information Technology and Contemporary Technological Development and Innovation in this field)**

- History, Introduction and Application of Computer, Information Technology, Internet and World Wide Web (WWW).
- General Knowledge related to:
  - ✓ Hardware and Software.
  - ✓ Input and Output.
  - ✓ Internet Protocol/IP Address.
  - ✓ IT gadgets and their application.
  - ✓ Creation of e-mail ID and use/operation of e-mail.

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- ✓ Operation of Printer, Tablet and Mobile.
- ✓ Important elements of Word Processing (MS-Word) and Excel Processing (MS-Excel).
- ✓ Operating System, Social Networking, e-Governance.
- Digital Financial Tools and Applications.
- Future Skills and Cyber Security.
- Technological Development and Innovation in the field of Computer and Information Technology (Artificial Intelligence, Big Data Processing, Deep Learning, Machine Learning, Internet of Things) and India's achievements in this field etc.

### Part-3

#### (General Information related to The State of Uttar Pradesh)

In this part of the question paper, questions based on History, Culture, Art, Architecture, Festivals, Folk Dance, Literature, Regional Languages, Heritage, Social Customs and Tourism, Geographical Landscape and Environment, Natural Resources, Climate, Soil, Forest, Wildlife, Mines and Minerals, Economy, Agriculture, Industry, Business and Employment, Polity, Administration of Uttar Pradesh and Current Events and Achievements of Uttar Pradesh State in various fields etc. will be asked from the candidates.

#### 10-लिखित परीक्षा के सम्बन्ध में विशेष नोट -

विज्ञापन संख्या-18-परीक्षा/2026, वेटनरी फार्मासिस्ट मुख्य परीक्षा (प्रा0अ0प0-2025)/18 की लिखित परीक्षा हेतु अभ्यर्थियों की शार्टलिस्टिंग उनके प्रारम्भिक अर्हता परीक्षा-2025 के नार्मलाइज्ड स्कोर के आधार पर की जाएगी। प्रश्नगत विज्ञापन के अंतर्गत विज्ञापित पदों के सापेक्ष श्रेणीवार 15 गुना अभ्यर्थियों को [अंतिम कटऑफ अंक तक नार्मलाइज्ड स्कोर (दशमलव के 02 स्थान तक) धारित करने वाले समस्त अभ्यर्थियों को सम्मिलित करते हुए] लिखित परीक्षा हेतु शार्टलिस्ट किया जायेगा।

यदि परीक्षा एक से अधिक पालियों/ दिवस में आयोजित की जाती है तो अभ्यर्थियों के तुलनात्मक मूल्यांकन हेतु स्कोर के नार्मलाइजेशन की प्रक्रिया दिनांक 22 मई, 2019 को प्रकाशित आवश्यक सूचना संख्या-42/05/विज्ञा0 अनु0 (ग्यारह)/2019 में उल्लिखित प्रावधानों के अनुसार होगी।

#### 11-अभ्यर्थियों के लिए महत्वपूर्ण अनुदेश-

- 11.01- उत्तर प्रदेश के आरक्षित श्रेणी के सभी अभ्यर्थी आवेदन में अपनी श्रेणी अवश्य अंकित करें।
- 11.02- एक से अधिक आरक्षित श्रेणी का दावा करने वाले अभ्यर्थियों को केवल एक छूट, जो अधिक लाभकारी होगी, अनुमन्य होगी।
- 11.03- अभ्यर्थी, जो उ०प्र० राज्य के मूल निवासी नहीं हैं, उन्हें आरक्षण का लाभ अनुमन्य नहीं है। ऐसे अभ्यर्थी अनारक्षित श्रेणी के माने जाएंगे।
- 11.04- सैन्य वियोजित/भूतपूर्व सैनिकों (Ex-Servicemen) (जो आवेदन की अंतिम तिथि अर्थात् दिनांक 05-10-2026 तक सेवा निवृत्त हो चुके हों) को आरक्षण उत्तर प्रदेश लोक सेवा (शारीरिक रूप से विकलांग, स्वतंत्रता संग्राम सेनानियों के आश्रित और भूतपूर्व सैनिकों के लिए आरक्षण) अधिनियम, 1993 (यथा संशोधित) व अद्यतन सुसंगत नियमावली/शासनादेशों के प्राविधानानुसार अनुमन्य होगा।

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