

**SYLLABUS FOR VETERINARY FIELD ASSISTANT(VFA) (LEVEL-4 IN THE
PAY MATRIX) UNDER A.H. & VETERINARY DEPARTMENT**

PAPER	SUBJECT	MARKS	DURATION
Paper-I	General Knowledge (50 Questions)	100	3 hours with compensatory time of 20 minutes per hour for persons with benchmarked disabilities]
	General English (25 Questions)	50	
	Essay Writing	30	
	English Comprehension	20	
	TOTAL	200	
Paper-II	Basic Computer knowledge (50 Questions)	100	3 hours with compensatory time of 20 minutes per hour for persons with benchmarked disabilities]
	Simple Arithmetic (50 Questions)	100	
	TOTAL	200	
Paper-III	Technical/Specialised subject (100 Questions) as follows :-		3 hours with compensatory time of 20 minutes per hour for persons with benchmarked disabilities]
	Veterinary anatomy and physiology - basic	20	
	Animal Husbandry and farm management - basic	50	
	Animal nutrition and livestock breeding - basic	40	
	Livestock technology and laboratory techniques - basic	30	
	Veterinary medicine and surgery - basic	40	
	Animal Husbandry extension and animal welfare and jurisprudence - basic	20	
	TOTAL	200	

NOTES:

- 1) Questions shall be set in Objective Type Multiple Choice pattern only except for essay writing and English comprehension under Paper-I with all questions carrying equal marks.

Paper-I

General Knowledge: Questions will be designed to test the candidate's knowledge of current events and of such matters of everyday observation and experience as may be expected of an educated person. The test will also include questions relating to Indian history and culture, Indian polity including the Constitution of India, geography, economy and general science. Questions on Mizo history and culture will also form part of the syllabus.

General English: Question in this components will be designed to test the candidate's understanding and knowledge of English Language and will be based on error recognition, fill in the blanks (using verbs, preposition, article etc.), Vocabulary, Spellings, Grammar, Sentence Structure, Synonyms, Antonyms, Sentence Completion, Phrases and Idiomatic use of Words, etc.

Essay Writing: Question on essay writing will be designed to test the candidate's grasp of his material, its relevance to the subject chosen, and to his ability to think constructively and to present his ideas logically, constructively and concisely.

English Comprehension: There will be questions on comprehension of passages also to test the vocabulary, grammar, logical thought ability and overall grasp of the candidates over English language.

Paper-II

Basic Computer Knowledge: Introduction to Computers, introduction to Graphical user interface based Operating System, elements of Word Processing, Spreadsheets, Power point presentations, Computer communication and internet, world wide web and web browser, communication and collaboration.

Simple Arithmetic: Number system, simplification, roots, averages, discounts, percentages, profit & loss, ratio and proportion, partnership, chain rule, time & work, time & distance, simple & compound interest, mensuration, permutations & combinations, heights & distances, line graphs, bar graphs, pie charts and tabulation.

Paper-III

DETAILED SYLLABUS

Full Marks-200

Veterinary anatomy and physiology (20 marks) – general consideration on animal forms, names of major bones and joints. Anatomical and physiological aspect of male and female reproductive system. Anatomical and physiological aspects of Digestive system of ruminant and non-ruminant animals. Different functions of internal organs.

Animal husbandry and farm management (50 marks) – feeding of dairy cattle and buffaloes, pig and poultry, feeding of pet animals. Approach and handling, restraining and transportation of cattle, buffaloes and horses. Determination of live body weight. Determination of age by dentition. Common names for the sexes, young, groups and birthing of various animals.

Animal nutrition and livestock breeding (40 marks) – importance of nutrients in animal health and production, conservation of green fodders and processing of inferior quality roughages. Nutrient contents of various feed ingredients. Management of breeding animals, artificial insemination, gestation periods and reproductive cycles and estrus in animals. System of breeding- inbreeding, outbreeding, heterosis of hybrid vigour, grading up.

Livestock technology and laboratory techniques (30 marks) – milk composition in different breeds of animals, collection, transportation and processing of milk, preparation of animals for slaughter, humane killing of animals. Different methods of sterilization and disinfection. Methods of sample collection and despatch of whole blood, serum, plasma, paired sample and tissue samples.

Veterinary medicine and surgery (40 marks) – general examination of animals (pulse rate, average rectal temperatures), general methods of disease prevention and control, metabolic diseases, vaccination (types of vaccines, preservation, booster, cold chain), terms used in veterinary medicine and surgery, castration (open and closed), ovariectomy/spaying. Suturing materials.

Animal husbandry extension and animal welfare and jurisprudence (20 marks) – animal husbandry cooperatives, its objectives and impact. Extension teaching method, audio-visual aids. The Livestock Importation Act, 1989. Common offences against animals. Prevention of Cruelty to Animal Act (Central Act) 1960.
