

द्वितीय पत्र :- पशु स्वास्थ्य सम्बन्धी विषय

Section A– 30 Marks

1. **Introduction** **20%**
- 1.1 History and current status of veterinary services in Nepal
 - 1.2 Current status of livestock production and production systems of livestock and poultry in Nepal
 - 1.3 Indigenous and exotic breeds of livestock and poultry and their population in Nepal
 - 1.4 Role of public and private sector in the promotion of veterinary services in Nepal
 - 1.5 Recent HMG/N policies and plans related to livestock development, Provisions made by APP, Livestock Master Plan, Dairy development Plan and National Dairy Development Board for Livestock sector development
2. **Planning and management of veterinary/laboratory services** **10%**
- 2.1 Management of veterinary investigation laboratory
 - 2.2 Planning and management of district veterinary services, livestock production services and livestock product marketing services
 - 2.3 Herd health management and disease prevention
 - 2.4 National disease control program
 - 2.5 Planning and management of veterinary projects

Section B– 50 Marks

3. **Animal Health management** **50%**
- 3.1 Etiology, diagnosis and treatment of systemic diseases of farm livestock, pets, equine and poultry
 - 3.2 Definition, etiology, epidemiology, pathogenesis, symptoms, diagnosis, treatment and control of notifiable Trans-boundary animal disease
 - 3.3 Definition, etiology, epidemiology, pathogenesis, symptoms, diagnosis, treatment and control of economically important infectious disease of farm livestock, pets, equine and poultry
 - 3.4 Etiology, epidemiology, pathogenesis, symptoms, diagnosis, treatment and control of economically important of parasitic disease (ecto and endo parasites) of farm livestock, pets, equine and poultry
 - 3.5 Zoonotic disease of public health importance
 - 3.6 General control measures against parasitic and infectious diseases of animals and birds.
 - 3.7 Management of production and metabolic disease of farm livestock
 - 3.8 Definition, etiology, diagnosis, treatment and management of sub-fertility, infertility, sterility and abortion in farm livestock under Nepalese condition
 - 3.9 Importance of breeding management, A.I, and pregnancy diagnosis in farm animals
 - 3.10 Reproductive disorder and its management in farm livestock
 - 3.11 Current practices and importance of epidemiological reporting, and animal health information system
 - 3.12 Outbreak investigation and epidemic control
 - 3.13 Laboratory diagnosis of important disease of animals and poultry
 - 3.14 Prospects and constrains of vaccine production and use in Nepal
 - 3.15 Veterinary drugs administration, their uses and abuses

Section C– 20 Marks

- 4. International standard, quality and regulation** **20%**
- 4.1 Slaughter house management and meat inspection principles and procedures
 - 4.2 Out line of the World Trade Organization (WTOs), Sanitary and Phytosanitary measures (SPS)
 - 4.3 Introduction to OIE (World Animal Health Organization, its objectives, function, and its role in standard setting
 - 4.4 Role of Official Veterinary Services in International Trade of animals, products of animal origin, food safety, import risk analysis, import permit, International Veterinary certifications, quarantine inspections and procedures
 - 4.5 Animal health related Acts & Regulations:
 - 4.5.1 Animal Health and Livestock Service Act, 2055 and regulation, 2056
 - 4.5.2 Slaughterhouse and Meat inspection Act, 2055 and regulation, 2057
 - 4.5.3 Nepal Veterinary Council Act, 2055 and regulation, 2057
 - 4.5.4 Feed Act, 2033 and regulation, 2051
 - 4.5.5 Drug Act, 2035
 - 4.5.6 Muluki Ain, 2020 (Concerning Provisions only)
 - 4.5.7 National Park and Wildlife Conservation Act, 2029
 - 4.5.8 Nepal Standard (Certification Mark) Act, 2037
 - 4.6 Legal Duties of a Veterinarian, Examinations of animals for soundness, injuries, and sudden death
 - 4.7 Animal welfare
 - 4.8 Detection of Frauds, Malicious poisoning
 - 4.9 Differentiation of different species of blood, serum, semen, hair, hide and bones

द्वितीयपत्रका पाठ्यक्रमका एकाईहरूबाट सोधिने प्रश्नहरूको संख्या निम्नानुसार हुनेछ :

द्वितीय पत्रका खण्ड	A		B	C
द्वितीय पत्र	1	2	3	4
प्रश्न संख्या	2	1	5	2

विषयगत नमूना प्रश्नहरू (Sample questions)

- Q.1 What are the advantages and disadvantages of privatization of veterinary services in Nepal? How could veterinary services be privatized in Nepalese condition?
- Q.2 Describe the etiology, epidemiology and control strategy of foot and mouth disease (FMD) in farm livestock in Nepal.
- Q.3 Describe the epidemiology, clinical effects and control strategy of one of the economically important parasitic disease of farm livestock in Nepal.
- Q.4 Describe the composition, role and duties of World Animal Health organization (OIE).
- Q.5 Design the project for the control of an infectious disease of farm livestock in your district

लोक सेवा आयोग
नेपाल कृषि सेवा, भेटेरिनरी समूह, राजपत्राङ्कित तृतीय श्रेणीका पदहरूको खुला र आन्तरिक प्रतियोगितात्मक
लिखित परीक्षाको पाठ्यक्रम

नेपाल आर्थिक योजना तथा तथ्याङ्क, इन्जिनियरिङ्ग, कृषि, वन, विविध र शिक्षा सेवाका सबै समूह/उपसमूह,
राजपत्राङ्कित तृतीय श्रेणी र एवं स्वास्थ्य सेवाको सातौं र आठौं तहका पदहरूमा
प्रथम चरणको लिखित परीक्षाबाट छनौट भएका उम्मेदवारहरूलाई मात्र
लिइने **सामूहिक परीक्षण (Group Test)** को लागि

सामूहिक छलफल (Group Discussion)

यस प्रयोजनको लागि गरिने परीक्षण १० पूर्णाङ्क र ३० मिनेट अवधिको हुनेछ जुन नेताविहिन सामूहिक छलफल (Leaderless Group Discussion) को रूपमा अवलम्बन गरिने छ। दिइएको प्रश्न वा Topic का विषयमा पालैपालोसँग निर्दिष्ट समयभित्र समूहबीच छलफल गर्दै प्रत्येक उम्मेदवारले व्यक्तिगत प्रस्तुति (Individual Presentation) गर्नु पर्नेछ। यस परीक्षणमा मूल्याङ्कनको लागि देहाय अनुसारको ३ जना भन्दा बढीको समिति रहनेछ।

आयोगका सदस्य	-	अध्यक्ष
आयोगका सदस्य	-	सदस्य
मनोविज्ञ	-	सदस्य
दक्ष/विज्ञ (१ जना)	-	सदस्य

सामूहिक छलफलमा दिइने नमुना प्रश्न वा Topic

उदाहरणको लागि - उर्जा संकट, गरीबी निवारण, स्वास्थ्य बीमा, खाद्य सुरक्षा, प्रतिभा पलायन जस्ता Topics मध्ये कुनै एक Topic मात्र दिइनेछ।