

Manmohan Technical University Office of the Controller of Examinations Exam Year: 2082, Poush (Model Question)		Exam Roll: Exam Roll in words:	
School: School of Medicine and Allied Health Sciences		Level: Bachelor	Invigilator's Sign:
Program: B.Pharmacy		Year/Part: III/I	Superintendent's Sign:
Subject: Veterinary Pharmacy (BP507 ELE)			Code No.

GROUP A (Multiple-Choice Questions)	[10x1=10]	Time: 20 Minutes
i. This group contains 10 multiple-choice questions (MCQs). ii. Answers must be marked on the MCQ Answer Sheet. iii. You may use the main answer sheet for rough work. iv. Marks will not be awarded for answers with cutting, erasing, overwriting, or multiple shaded options. v. The MCQ question paper must be returned along with the MCQ answer sheet.		Code No.:

- Horn of uterus is directed:
 - Upward
 - Backward
 - Downward, outward, backward and upward
 - Only forward
- "Pinworm" of horses is:
 - Oxyuris equi
 - Parascaris equorum
 - Dictyocaulus arnfieldi
 - Habronema muscae
- The main causative agent of bovine tuberculosis is:
 - Mycobacterium avium
 - Mycobacterium tuberculosis
 - Mycobacterium bovis
 - Mycobacterium caprae
- Clostridium tetani is:
 - Gram-positive, spore-forming anaerobe
 - Gram-negative, non-spore-forming bacteria
 - Acid-fast bacillus
 - Gram-positive cocci
- Which of the following is not a step in egg handling?
 - Washing
 - Candling
 - Grading
 - Adults

- The withdrawal period is defined as:
 - Time between drug approval and marketing
 - Time between last drug dose and when residues fall below MRL
 - Time needed for drug absorption
 - Time between feeding and milking
- Which drug is commonly used to treat tick infestation in cattle?
 - Albendazole
 - Ivermectin
 - Amprolium
 - Flunixin
- Which antifungal drug is commonly used in **dogs and cats** for **dermatophytosis**?
 - Amphotericin B
 - Griseofulvin
 - Nystatin
 - Terbinafine
- Mucosal immunity is mainly produced by:
 - IgM
 - IgG
 - IgA
 - IgE
- Which dosage form is most suitable for mass medication of poultry through drinking water?
 - Bolus
 - Oral powder
 - Transdermal patch
 - Injectable suspension

Multiple Choice Questions' Answer Sheet

Marks Secured: _____

In Words: _____

Examiner's Sign: _____ Date: _____

Scrutinizer's Marks: _____

In Words: _____

Scrutinizer's Sign: _____ Date: _____

Corrected Fill			
(A)	●	(C)	(D)
Incorrected Fill			
⊗	⊙	⊚	⊛

1. (A) (B) (C) (D)	6. (A) (B) (C) (D)
2. (A) (B) (C) (D)	7. (A) (B) (C) (D)
3. (A) (B) (C) (D)	8. (A) (B) (C) (D)
4. (A) (B) (C) (D)	9. (A) (B) (C) (D)
5. (A) (B) (C) (D)	10. (A) (B) (C) (D)

Manmohan Technical University
Office of the Controller of Examinations
Exam Year: 2082, Mansir (Model Question)

School: School of Medicine and Allied Health Sciences	Level: Bachelor	Time: 3 Hours
Program: B. Pharmacy	Year/Part: III/I	Full Marks: 50
Subject: Veterinary Pharmacy (BP507 ELE)		Pass Marks: 25

- ✓ Candidates are required to give their answers in their own words as far as practicable.
- ✓ The figures in the margin indicate **Full Marks**.
- ✓ Assume suitable data if necessary.

GROUP A (Multiple-Choice Questions are provided on separate sheet) **[10×1=10]**

GROUP B (Problem Based Question) (1+1+3+3+2) **[1×10=10]**

A local veterinarian is called to a cattle farm where two adult cows were found dead suddenly without showing major signs of illness. The farmer reports that before death, the animals showed high fever, difficulty breathing, staggering gait, and bloody discharge from natural openings (nose, anus, mouth). The carcasses appear bloated, and the blood from the openings is dark, tarry, and does not clot. The animals were grazing near a muddy area after heavy rainfall.

- a. What will be the possible diagnosis?
- b. Identify the causative organism
- c. List the common clinical signs of the disease and write clinical findings for the respective disease.
- d. Write any three preventive/control measures to stop the spread of Anthrax in livestock.
- e. Write treatment of the diagnosed disease.

GROUP C (Long Answer Questions - Attempt Any Four) **[4×5=20]**

1. Describe the anatomy and physiology of digestive system of cow.
2. Write about leptospirosis along with its causative agent, transmission symptom, diagnosis, prevention and control measures.
3. list some common diseases of domestic and pet animals, street animals and describe any one in brief.
4. Describe antimicrobial residues and resistance. Explain the impact of AMR on one health.
5. What is the principle of veterinary dosage form also providing those of antimicrobial drugs?

GROUP D (Short Answer Questions - Attempt Any Five) **[5×2=10]**

1. What is veterinary pharmacology and toxicology describing the Essential veterinary drug.
2. Mention any two dosages form commonly used in veterinary drug formulation
3. Write down the meat processing technology.
4. What is animal husbandry and write about apiculture in detail.
5. Difference between antiseptic and disinfectant.
6. What are the differences and similarities between human medicines and veterinary medicine.