



ZIMBABWE

**MINISTRY OF HIGHER AND TERTIARY EDUCATION,
INNOVATION, SCIENCE AND TECHNOLOGY
DEVELOPMENT**

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL DIPLOMA

IN

VETERINARY NURSING

SUBJECT: Veterinary Public Health

PAPER NO: 666/23/M05

DURATION: 3 Hours

OCTOBER/NOVEMBER 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1) Answer any five (5) questions.
- 2) Do not write anything on the question paper.
- 3) Do not write your name on the answer booklet.

This paper consists of 2 printed pages.



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PAPER NO: 666/23/M05-VETERINARY PUBLIC HEALTH

QUESTION 1

- a) Define the following terms:
- i) Zoonotic disease (2 marks)
 - ii) Zoonoses hazards (2 marks)
 - iii) Quarantine (2 marks)
 - iv) Epidemic (2 marks)
- b) Outline any five (5) characteristics of an effective isolation facility. (10 marks)

QUESTION 2

- a) List any five (5) examples of zoonotic diseases in a veterinary practice setup. (5 marks)
- b) Briefly explain the five (5) importance of proper personal hygiene in the prevention of zoonotic diseases. (15 marks)

QUESTION 3

With the aid of relevant examples, describe any four (4) common pathogens which cause food borne illnesses. (20 marks)

QUESTION 4

- a) Highlight any five (5) preventative measures of zoonosis hazards. (10 marks)
- b) Compare and contrast clinical and subclinical disease. (120 marks)

QUESTION 5

~~Cooperate~~ ^{Cooperate} the assertion that human activities are the primary drivers of zoonotic disease transmission. (20 marks)

QUESTION 6

- a) List any five (5) criteria used to classify zoonotic diseases. (5 marks)
- b) A client presents with a dog that has been diagnosed with leptospirosis. Outline the veterinary advice that should be provided to the client. (15 marks)
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NATIONAL DIPLOMA

IN

VETERINARY NURSING

MODULE: Veterinary General Nursing PAPER NO: 666/23/M04
Care

DURATION: 3 Hours

OCTOBER/NOVEMBER 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. **Section A:** **Answer all questions.**
2. **Section B:** **Answer three (3) questions.**

This paper consists of 2 printed pages.



SECTION A

Answer all questions.

QUESTION 1

(a) Define the following terms:-

(i) Disinfectants (2 marks)

(ii) Sterilisation (2 marks)

(b) Explain the importance of water intake. (10 marks)

(c) State the normal range of temperature, pulse rate and respiration of one companion and one farm animal. (6 marks)

QUESTION 2

(a) Explain the importance of personal hygiene. (10 marks)

(b) Outline the properties of commonly used disinfectants. (10 marks)

SECTION B

Answer any three questions.

QUESTION 3

Describe the rules for a thermometer. (20 marks)

QUESTION 4

Outline five different routes of administration of medications include their forms and examples. (20 marks)

QUESTION 5

(a) Explain how to encourage regular bowel movements and urination in animals. (12 marks)

(b) State the reasons why an animal require bathing. (8 marks)

QUESTION 6

(a) Describe the methods used to monitor water intake. (8 marks)

(b) Describe the character of a pulse. (12 marks)

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NATIONAL DIPLOMA

IN

VETERINARY NURSING

MODULE: Animal Husbandry

PAPER NO: 666/23/M03

DURATION: 3 Hours

OCTOBER / NOVEMBER 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1. Section A – Answer all questions.**
- 2. Section B – Answer any three (3) questions.**

This paper consists of 3 printed pages.

SECTION A

Answer all questions.

QUESTION 1

- a) Define the following terms.
- | | |
|----------------------------|-----------|
| i) Artificial insemination | (2 marks) |
| ii) Nutrition | (2 marks) |
| iii) Pathogen | (2 marks) |
| iv) Vector | (2 marks) |
| v) Grooming | (2 marks) |
- b) List the categories or classification of waste. (5 marks)
- c) Identify the dangers of using electrical equipment in wet weather (5 marks)

QUESTION 2

State four (4) different breeds in each group of the following animals.

- | | |
|------------|-----------|
| a) Cattle | (4 marks) |
| b) Dogs | (4 marks) |
| c) Pigs | (4 marks) |
| d) Sheep | (4 marks) |
| e) Chicken | (4 marks) |

SECTION B

Answer any three (3) questions.

QUESTION 3

- a) Describe how waste should be disposed of under the following:
- i) Incineration (4 marks)
 - ii) Burial (4 marks)
- b) Describe items classed as:
- i) Clinical waste (6 marks)
 - ii) Sharps (6 marks)

QUESTION 4

- a) Outline the objectives of animal breeding. (10 marks)
- b) State and explain five (5) principles of training. (10 marks)

QUESTION 5

- a) State the differences of the diet between animals commonly kept as pets and farm animals. (10 marks)
- b) Explain the procedure of artificial insemination. (10 marks)

QUESTION 6

- a) Explain various methods of confirming pregnancy. (10 marks)
- b) Describe the causes of aggression. (10 marks)

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NATIONAL DIPLOMA

IN

VETERINARY NURSING

**MODULE: Veterinary Hospital Practice
And Management**

PAPER NO: 666/23/M02

DURATION: 3 Hours

OCTOBER/ NOVEMBER 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1. Answer all questions from Section A.**
- 2. Answer three (3) questions from Section B.**
- 3. Do not write anything on the question paper.**
- 4. Do not write your name on the Answer Script.**

This paper consists of 3 printed pages.

PAPER NO: GGG/23/M02 - VETERINARY HOSPITAL PRACTICE AND
MANAGEMENT

Section A

Answer all questions.

QUESTION 1

- a) Discuss the importance of welcoming clients with regards to vet nursing.
(5 marks)
- b) Define the following terms in operating money control system systems:
- | | | |
|------|-------------|-----------|
| i) | Invoice | (2 marks) |
| ii) | Payment | (2 marks) |
| iii) | Credit card | (2 marks) |
| iv) | Receipt | (2 marks) |
| v) | Bill | (2 marks) |

QUESTION 2

- a) List methods used to maintain an appropriate amount of inventory on hands.
(5 marks)
- b) Explain the five (5) stages of grief.
(10 marks)

PAPER NO: 666/23/M02 - VETERINARY HOSPITAL PRACTICE AND MANAGEMENT

Section B

Answer any three (3) questions.

QUESTION 3

- a) Explain Personal Development as a method to become an effective leader. (10 marks)
- b) Clarify any five (5) methods to increase team communication. (10 marks)

QUESTION 4

Describe methods to confirm death of a patient. (20 marks)

QUESTION 5

- a) Describe any five (5) methods used to handle expired medications. (10 marks)
- b) Describe any five (5) storage methods. (10 marks)

QUESTION 6

Explain how to reconcile the end of day transaction and totals. (20 marks)

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NATIONAL DIPLOMA

IN

VETERINARY NURSING

MODULE: Veterinary First Aid

PAPER NO: 666/23/M01

DURATION: 3 Hours

OCTOBER/NOVEMBER 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer all questions in Section A.
2. Answer any three (3) questions from Section B.
3. Do not write anything on the question paper.
4. Do not write your name on the answer booklet.

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SECTION A

Answer all questions

QUESTION 1

- a) Define the following terms
- i) Hypotonic solution (3marks)
 - ii) Hypertonic solution (3marks)
 - iii) Interstitial fluid (4marks)
- b) Describe any five (5) types of bedding. (10marks)

QUESTION 2

- a) Outline the principles of environmental enrichment. (10marks)
- b) Giving two (2) examples or types of bedding of your choice, state the advantages and disadvantages of these types of bedding. (10marks)

SECTION B

QUESTION 3

- a) Outline the potential hazards of intubation. (10marks)
- b) Describe the types of environmental enrichment. (10marks)

QUESTION 4

- a) Explain the basic principles of how good ventilation is achieved. (10marks)
- b) Water balance in an animal's body refers to the regulation of water levels to maintain bodily functions.
- i) Explain how the body regulates water balance. (4marks)
 - ii) Explain how the body maintains pH balance. (6marks)

QUESTION 5

- a) Distinguish between rebreathing and non- rebreathing circuits. (8marks)
- b) Describe how to monitor and record essential information regarding the patient's responses/ progress. (12marks)

QUESTION 6

- a) Explain the conditions appropriate to nurse an animal in first aid situation. (10marks)
- b) Describe the mercury clinical thermometer (10marks)

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NATIONAL DIPLOMA

IN

VETERINARY NURSING

**MODULE: Veterinary Hospital Practice
And Management**

PAPER NO: 666/23/M02

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer any five (5) questions.
2. Do not write anything on the question paper.
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NATIONAL DIPLOMA

IN

VETERINARY NURSING

**MODULE: Veterinary Hospital Practice
And Management**

PAPER NO: 666/23/M02

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer any five (5) questions.
2. Do not write anything on the question paper.
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QUESTION 1

Describe protocols during telephone conversations.

- a) Before the call (4 marks)
- b) During the call - giving information (8 marks)
- c) During the call- receiving information. (8 marks)

QUESTION 2

- a) Discuss any five (5) file storage methods. (10 marks)
- b) Outline any five (5) types of invoices. (10 marks)

QUESTION 3

- a) Describe five (5) methods used to maintain an appropriate amount of inventory at hand. (10 marks)
- b) Clarify five (5) barriers that prevent effective clients' communications. (10 marks)

QUESTION 4

- a) Explain the euthanasia process. (10 marks)
- b) Outline the five (5) stages of grief. (10 marks)

QUESTION 5

- a) Describe five (5) methods of disposing patients' bodies. (10 marks)
- b) Clarify five (5) methods to increase team communication. (10 marks)



QUESTION 6

a) Define the following terms

i) Human - animal bond

(3 marks)

ii) Euthanasia

(3 marks)

iii) Client

(2 marks)

iv) Capital inventory

(2 marks)

b) Differentiate between quality and quantity of life.

(10 marks)

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NATIONAL DIPLOMA

IN

VETERINARY NURSING

MODULE: Veterinary Medical Nursing PAPER NO: 666/23/M07

DURATION: 3 Hours

REQUIREMENTS

JUNE 2026 EXAMINATION

INSTRUCTIONS TO CANDIDATE

Answer any five (5) questions.



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QUESTION 1

Discuss five (5) principles behind clinical examination. (20 marks)

QUESTION 2

- a) i) Define isolation (2 marks)
- ii) Outline four (4) principles of isolation. (8 marks)
- b) Explain five (5) principles of administering medications orally. (10 marks)

QUESTION 3

- a) Highlight five (5) basic types of veterinary medical conditions. (10 marks)
- b) Outline five (5) types of enemas performed in veterinary medicine. (10 marks)

QUESTION 4

Define the following terms associated with abnormalities of the digestive system:

- a) Dysphonia (2 marks)
- b) Anorexia (2 marks)
- c) Pico (2 marks)
- d) Polyphagia (2 marks)
- Megaesophagus (2 marks)
- Regurgitation (2 marks)
- g) Diarrhoea (2 marks)
- h) Tenesmus (2 marks)
- i) Melaena (2 marks)
- j) Vomiting (2 marks)



QUESTION 5

- a) Outline five (5) causes of exocrine pancreatic insufficiency (EPI).
(10 marks)
- b) Explain five (5) causes of acute respiratory failure.
(10 marks)

QUESTION 6

Describe in detail steps involved in the management of vaccines under:

- a) Stock control
(10 marks)
- b) Reconstituting vaccines
(5 marks)
- c) Administering vaccines properly.
(5 marks)

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NATIONAL DIPLOMA

IN

VETERINARY NURSING

**MODULE: Veterinary Hospital Practice PAPER NO: 666/23/M02
and Management**

DURATION: 3 Hours

NOVEMBER/DECEMBER 2025 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer any five (5) questions.
2. Do not write anything on the question paper.
3. Do not write your name on the question booklet.



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PAPER NO: 555/23/M02 – VETERINARY HOSPITAL PRACTICE AND MANAGEMENT

QUESTION 1

- (a) Discuss any five (5) client solutions to help cope with loss. (10 marks)
- (b) Describe any five (5) importance of professional verbal skills. (10 marks)

QUESTION 2

- (a) Discuss any five (5) ethics in customer care. (10 marks)
- (b) Describe five (5) inventory systems. (10 marks)

QUESTION 3

- (a) Describe the process of pricing a client bill. (10 marks)
- (b) Discuss any five (5) forms used in veterinary practice. (10 marks)

QUESTION 4

- (a) Identify any five (5) techniques for handling multiple phone lines. (10 marks)
- (b) Explain how to make daily deposits? (10 marks)

QUESTION 5

- (a) Define terms in operating money control systems:
 - (i) payments (2 marks)
 - (ii) cheques (2 marks)
 - (iii) debits (2 marks)
 - (iv) bill (2 marks)
 - (v) credits (2 marks)
- (b) Define and create a central inventory location. (10 marks)

QUESTION 6

- (a) Discuss any five (5) ethics in customer care? (10 marks)
- (b) Define the human a- animal bond and explain any four key aspects of it. (10 marks)

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NATIONAL DIPLOMA

IN

VETERINARY NURSING

MODULE: Veterinary First Aid

PAPER NO: 666/23/M01

DURATION: 3 Hours

NOVEMBER/ DECEMBER 2025 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer all questions from Section A.
2. Answer any three (3) questions from Section B.
3. Do not write anything on the question paper.
4. Do not write your name on the question paper
5. Do not write your name on the Answer Booklet.

Section A

Answer all questions

QUESTION 1

- a) Define the following terms:
- i) First Aid (2 marks)
 - ii) Haemorrhage (2 marks)
 - iii) Isotonic solution (3 marks)
- b) State the normal ranges for the following: heart rate, temperature and respiratory rate in:
- i) Dogs (3 marks)
 - ii) Cats (3 marks)
 - iii) Horses (3 marks)
- c) Outline the basic rules for First Aid (4 marks)

QUESTION 2

- a) Explain five (5) the importance of ventilation. (10 marks)
- b) State any five (5) general first aid measures for different types of wounds. (5 marks)
- c) List any five (5) types of wounds which require first aid. (5 marks)

Section B

Answer three (3) questions

QUESTION 3

- a) Describe any five (5) general signs of a shocked patient. (10 marks)
- b) Describe five (5) abnormalities that can be observed with respiration. (10 marks)

QUESTION 4

- a) Outline any four (4) signs of electrocution under thermal burns. (8 marks)
- b) Describe how to clear the airway of a patient. (12 marks)

QUESTION 5

- a) Explain any five (5) complications of oxygen administration. (10 marks)
- b) Discuss five (5) types of haemorrhage. (10 marks)

QUESTION 6

- a) Describe any five (5) instruments used to measure heart rate. (10 marks)
- b) Outline the procedure of endotracheal intubation. (10 marks)

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NATIONAL DIPLOMA

IN

VETERINARY NURSING

MODULE: Animal Husbandry

PAPER NO: 666/23/M03

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Section A: Answer all questions.
2. Section B: Answer any three questions.
3. Do not write anything on the question paper.
4. Do not write your name on the answer booklet.

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SECTION A: Answer all questions.

QUESTION 1

- a) State the recognised groups of:
 - i) Pet animals (3 marks)
 - ii) Farm animals (3 marks)
- b) List the factors which influence training. (4 marks)
- c) Explain any five (5) dangers of using electrical equipment in wet weather. (10 marks)

QUESTION 2

- a) Define supplementation. (2 marks)
- b) Explain the two(2) main types of diseases.
 - i) Infectious (4 marks)
 - ii) Non- infectious (4 marks)
- c) Explain why hygiene is necessary in housing structures.

SECTION B:

QUESTION 3

- a) Describe any five (5) common antiseptic or disinfectants used for cleaning housing structures. (10 marks)
- b) Explain five (5) importance of updating waste disposal form. (10 marks)

QUESTION 4

- a) Outline the use of any five (5) items required to groom an animal. (10 marks)
- b) Explain five (5) importance of PPE when grooming animals. (10 marks)

QUESTION 5

- a) Define the terms predisposing and exciting causes of diseases. (10 marks)
- b) Explain five (5) importance of animal diagnosis in veterinary practice. (10 marks)

QUESTION 6

- a) Describe preventive and curative treatments. (10 marks)
- b) Outline five (5) basic requirements for safety transporting animals. (10 marks)

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NATIONAL DIPLOMA

IN

VETERINARY NURSING

MODULE: Veterinary General PAPER NO: 666/23/M04
Nursing Care

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

Answer any five (5) questions

PAPER NO: 666/23/M04 - VETERINARY GENERAL NURSING CARE

QUESTION 1

- a) Define the following terms:
- i) Antiseptics (2 marks)
 - ii) Sterilization (2 marks)
 - iii) Disinfectants (2 marks)
- b) Explain five (5) reasons why personal hygiene is important. (10 marks)
- c) List four (4) types of bedding. (4 marks)

QUESTION 2

- a) Describe any five (5) characteristics of the pulse. (10 marks)
- b) State any five (5) methods used to record medicines and highlight five (5) reasons why this is important (10 marks)

QUESTION 3

- a) Discuss five (5) reasons why water intake is important. (10 marks)
- b) Describe five (5) different types of feeding. (10 marks)

QUESTION 4

- a) Discuss any four (4) routes of drug administration and give 2 examples of each. (16 marks)
- b) List four (4) advantages of the intravenous (IV) route. (4 marks)

QUESTION 5

- a) Outline any five (5) bandaging techniques. (10 marks)
- b) Discuss five (5) properties of commonly used disinfectants. (10 marks)

QUESTION 6

- a) State four (4) advantages of:
 - i) Disposal bedding (4 marks)
 - ii) Non- disposable bedding (4 marks)
- b) Discuss any five (5) positions for pulse on the body. (10 marks)
- c) Define grooming. (2 marks)

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NATIONAL DIPLOMA

IN

VETERINARY NURSING

**MODULE: Veterinary Obstetric and Paediatric PAPER NO: 666/23/M09
Nursing**

DURATION: 4 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

Answer any five (5) questions

This paper consists of 2 printed pages.

PAPER NO: 666/23/M09-VETERINARY OBSTETRIC AND PAEDIATRIC NURSING

ANSWER ANY FIVE (5) QUESTIONS

QUESTION 1

Discuss any four (4) factors which influence selection of sire. (20 marks)

QUESTION 2

Explain any four (4) factors which influence the oestrus cycle. (20 marks)

QUESTION 3

- a) State any three (3) drugs used to control oestrous. (3 marks)
- b) State two (2) advantages and two (2) disadvantages of the above mentioned drugs. (12 marks)
- c) List five (5) clinical signs of proestrus in animals. (5 marks)

QUESTION 4

- a) Explain four (4) importance of semen handling and four (4) importance of semen assessment. (16 marks)
- b) List any four (4) types of semen. (4 marks)

QUESTION 5

Discuss the three (3) stages of normal parturition. (20 marks)

QUESTION 6

Describe any five (5) common complications that may occur within the neonatal period. (20 marks)

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**HIGHER EDUCATION EXAMINATIONS COUNCIL
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**NATIONAL DIPLOMA
IN
VETERINARY NURSING**

MODULE: Veterinary Diagnostic Aids

PAPER NO: 666/23/M08

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATES

Answer all questions.

This paper consists of 2 printed pages.

QUESTION 1

Describe ten (10) general considerations for collection of biological samples.
(20 marks)

QUESTION 2

- a) Discuss five (5) basic characteristics of an ultrasound. (10 marks)
- b) Define anaerobic bacteria. (2 marks)
- c) Describe four (4) characteristics of anaerobic bacteria. (8 marks)

QUESTION 3

- a) Describe five (5) methods of laboratory results data analysis under inferential statistics. (10 marks)
- b) Explain five (5) principles of dark room design. (10 marks)

QUESTION 4

- a) Describe the basic structure of fungi. (14 marks)
- b) Define the following terms:
 - i) Virulence (2 marks)
 - ii) Anthelmintic (2 marks)
 - iii) Parasiticide (2 marks)

QUESTION 5

- a) Describe five (5) methods of controlling coccidiosis. (10 marks)
- b) Explain five (5) public health importance of endoparasites. (10 marks)

QUESTION 6

Explain the functions of any ten (10) components of an ultrasound machine.
(20 marks)

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**HIGHER EDUCATION EXAMINATIONS COUNCIL
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NATIONAL DIPLOMA

IN

VETERINARY NURSING

MODULE: Veterinary First Aid

PAPER NO: 666/23/M01

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer any five (5) questions.
2. Do not write anything on the question paper.
3. Do not write your name on the answer script.

PAPER NO: 666/23/M01 - VETERINARY FIRST AID

QUESTION 1

- a) Describe how to pass stomach tube. (10 marks)
- b) Describe five (5) causes of fits. (10 marks)

QUESTION 2

- a) Define the following terms:
- i) Haemorrhage (2 marks)
 - ii) First aid (2 marks)
 - iii) Gastrocentesis (2 marks)
 - iv) Rebreathing circuit (2 marks)
 - v) Closed circuit (2 marks)
- b) Explain five (5) purposes of intubation tube. (10 marks)

QUESTION 3

- a) Explain any five (5) conditions appropriate to nurse an animal in a first aid situation. (10 marks)
- b) Describe the following types of wounds:
- i) Punctured (4 marks)
 - ii) Lacerated (3 marks)
 - iii) Contused (3 marks)

QUESTION 4

- a) Describe the procedure for taking pulse. (10 marks)
- b) Explain the five (5) rules of using a thermometer. (10 marks)

QUESTION 5

- a) Describe any five methods available for recording temperature. (10 marks)
- b) Describe any five (5) signs of electrocution. (10 marks)

PAPER NO: 666/23/M01 - VETERINARY FIRST AID

QUESTION 6

- a) Explain any five (5) indications for oxygen administration. (10 marks)
- b) Describe any five (5) methods of heating a unit. (10 marks)

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**MINISTRY OF HIGHER AND TERTIARY EDUCATION,
INNOVATION, SCIENCE AND TECHNOLOGY
DEVELOPMENT**

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL DIPLOMA

IN

VETERINARY NURSING

MODULE: Veterinary Surgical Nursing

PAPER NO: 666/23/M06

JUNE 2026 EXAMINATION

URATION: 3 Hours

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1) Answer any five (5) questions.
- 2) Do not write anything on the question paper.

This paper consists of 3 printed pages.



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PAPER NO: 666/23/M06-VETERINARY SURGICAL NURSING

QUESTION 1

- a) Describe gastric torsion (10 marks)
- b) Explain application of Plaster of Paris (POP) as an external method of fracture fixation. (10 marks)

QUESTION 2

- a) Explain five (5) factors which affect the spread of infection. (10 marks)
- b) Describe how to evaluate the amount of gas in a cylinder. (10 marks)

QUESTION 3

- a) Describe the procedure for scrubbing up. (10 marks)
- b) Discuss five (5) methods of controlling haemorrhage. (10 marks)

QUESTION 4

- a) State five (5) common intravenous agents in clinical use used for anaesthesia. (5 marks)
- b) Explain five (5) types of anaesthesia. (10 marks)
- c) State five (5) types of incubators. (5 marks)

QUESTION 5

- a) Explain the following terms:
- Tachycardia (2 marks)
 - Arrhythmia (2 marks)
 - Hypotension (2 marks)
- b) State four (4) analgesics commonly used intra-operatively and post operatively. (4 marks)
- c) Explain five (5) reasons for the application of a bandage. (10 marks)

QUESTION 6

- a) Outline five (5) reasons why animals may interfere with dressings and bandages (10 marks)

PAPER NO: 666/23/M06-VETERINARY SURGICAL NURSING

b) Define the following terms:

i) Enterectomy

(2 marks)

ii) Cystotomy

(2 marks)

iii) Pneumothorax

(2 marks)

iv) Enuclation

(2 marks)

v) Abscess

(2 marks)

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NATIONAL DIPLOMA

IN

VETERINARY NURSING

**MODULE: Veterinary Obstetric and Paediatric PAPER NO: 666/23/M09
Nursing**

DURATION: 4 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

Answer any five (5) questions

This paper consists of 2 printed pages.

PAPER NO: 666/23/M09-VETERINARY OBSTETRIC AND PAEDIATRIC NURSING

ANSWER ANY FIVE (5) QUESTIONS

QUESTION 1

Discuss any four (4) factors which influence selection of sire. (20 marks)

QUESTION 2

Explain any four (4) factors which influence the oestrus cycle. (20 marks)

QUESTION 3

- a) State any three (3) drugs used to control oestrous. (3 marks)
- b) State two (2) advantages and two (2) disadvantages of the above mentioned drugs. (12 marks)
- c) List five (5) clinical signs of proestrus in animals. (5 marks)

QUESTION 4

- a) Explain four (4) importance of semen handling and four (4) importance of semen assessment. (16 marks)
- b) List any four (4) types of semen. (4 marks)

QUESTION 5

Discuss the three (3) stages of normal parturition. (20 marks)

QUESTION 6

Describe any five (5) common complications that may occur within the neonatal period. (20 marks)

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IN

VETERINARY NURSING

MODULE: Veterinary General Nursing Care PAPER NO: 666/23/M04

DURATION: 3 hours

NOVEMBER/DECEMBER 2025 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

Answer any five (5) questions.

This paper consists of 3 printed page.

QUESTION 1

Discuss five (5) ways to encourage regular bowel movements and five (5) ways to encourage regular urination. (20 marks)

QUESTION 2

Describe the techniques and equipment (any five) required for the following:

- a) Subcutaneous injections (10 marks)
- b) Intravenous injections (10 marks)

QUESTION 3

- a) Describe how to clean bedding accommodation. (12 marks)
- b) Discuss any four (4) methods of disposing clinical waste. (8 marks)

QUESTION 4

- a) Analyse five (5) reasons why it is important to clean accommodation. (10 marks)
- b) Discuss five (5) ways of maximizing the effects of disinfectants and hygiene. (10 marks)

QUESTION 5

- a) Describe the mercury clinical thermometer. (10 marks)
- b) Describe five (5) positions for taking pulse. (10 marks)

QUESTION 6

- a) Summarise five (5) reasons for medicines to be administered via particular route. (10 marks)
- b) List five (5) reasons why grooming is important. (5 marks)
- c) Identify five (5) drugs route of administration. (5 marks)

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IN

VETERINARY NURSING

MODULE: Animal Husbandry

PAPER NO: 666/23/M03

DURATION: 3 Hours

NOVEMBER/DECEMBER 2025 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

Answer five (5) questions

This paper consists of 3 printed pages.



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QUESTION 1

- a) Explain five (5) factors to consider when selecting animals for breeding. (10 marks)
- b) Discuss any five (5) factors which influence training. (10 marks)

QUESTION 2

- a) State and explain the essential nutrients for both pets and farm animals. (12 marks)
- b) List four (4) main characteristics of the following pathogens:
- i) Bacterium (4 marks)
 - ii) Protozoa (4 marks)

QUESTION 3

- a) Describe the following methods of sterilisation:
- i) Chemicals (4 marks)
 - ii) Autoclave (4 marks)
- b) Define the following terms:
- i) Vector (2 marks)
 - ii) Predisposing cause of diseases (2 marks)
 - iii) Nutrition (2 marks)
- c) Explain the importance of personal hygiene (6 marks)

QUESTION 4

- a) Describe the following methods of waste disposal:
- i) Incineration (4 marks)
 - ii) Burial (4 marks)
 - iii) Collection (4 marks)
- b) Discuss any four (4) items classed as clinical waste (8 marks)

QUESTION 5

- a) State and explain any five (5) reasons why an animal may require bathing or grooming. (10 marks)
- b) Explain five (5) reasons why it is important to clean accommodation. (10 marks)

QUESTION 6

- a) Define artificial insemination. (3 marks)
- b) Identify five (5) basic commands used during training an animal. (15 marks)
- c) Define supplementation (2 marks)

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IN

VETERINARY NURSING

MODULE: Veterinary Diagnostic Aids

PAPER NO: 666/23/M08

DURATION: 3 Hours

NOVEMBER/DECEMBER 2025 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer any five (5) questions.

PAPER NO: 666/23/M08- VETERINARY DIAGNOSTIC AIDS

QUESTION 1

- a) Describe the steps involved in the processing of a radiograph. (10 marks)
- b) Discuss any five (5) requirements for recording and storage of diagnostic test results. (10 marks)

QUESTION 2

Explain the effects of varying exposure factors on the quality of an X-ray film. (20 marks)

QUESTION 3

- a) Define the following terms:
- i) Anthelmintic (2 marks)
 - ii) Parasiticide (2 marks)
 - iii) Proglotid (2 marks)
 - iv) Scolex (2 marks)
 - v) Strobilla (2 marks)
- b) Describe any five (5) characteristics of nematodes. (10 marks)

QUESTION 4

- a) Describe the structure of a virus. (10 marks)
- b) Outline the classification of bacteria according to gram stain. (10 marks)

QUESTION 5

- a) Outline the protocol for obtaining serum from a blood sample. (10 marks)
- b) Discuss any five (5) precautions to take when using a centrifuge. (10 marks)

QUESTION 6

- a) Define the following terms
- i) Animal handling (2 marks)
 - ii) Host (2 marks)
 - iii) Viraemia (2 marks)
 - iv) Epidemic disease (2 marks)
- b) Outline five (5) methods of preservation of materials for specific laboratory examination. (10 marks)
- c) Define pandemic disease. (2 marks)

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IN

VETERINARY NURSING

**MODULE: Veterinary Medical
Nursing**

PAPER NO: 666/23/M07

DURATION: 3 Hours

NOVEMBER/ DECEMBER 2025 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

Answer five (5) questions only

QUESTION 1

- a) Discuss any two (2) causes, two (2) signs and two (2) treatments for disorders of the following lower urinary tract diseases;
- i) Cystitis (6 marks)
 - ii) Incontinence (6 marks)
 - iii) Feline lower urinary tract disease (6 marks)
- b) Define osteoma (2 marks)

QUESTION 2

- a) Discuss any four (4) common endocrine conditions (8 marks)
- b) List any four (4) causes of vomiting (4 marks)
- c) Define the following abnormalities of the digestive system
- i) Dysphagia (2 marks)
 - ii) Pica (2 marks)
 - iii) Mega oesophagus (2 marks)
 - iv) Tenesmus (2 marks)

QUESTION 3

- a) Identify any five (5) zoonotic diseases (5 marks)
- b) List any five (5) infectious diseases (5 marks)
- c) Discuss pathogenesis of ring worm (8 marks)
- d) State the normal temperature and CRT of dogs (2 marks)

QUESTION 4

- a) Discuss the steps to enema administration (8 marks)
- b) Describe barrier nursing (8 marks)
- c) List any four (4) types of enema (4 marks)

QUESTION 5

- a) List five (5) types of vaccines available for common infectious diseases. (5 marks)
- b) Discuss five (5) reasons why primary vaccinations may be ineffective. (10 marks)
- c) State five (5) causes of enteritis (5 marks)

QUESTION 6

Discuss any three (3) causes and two (2) clinical signs of the following diseases:

- a) Acute pancreatic insufficiency (5 marks)
- b) Hepatitis (5 marks)
- c) Jaundice (5 marks)
- d) Cirrhosis (5 marks)

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IN

VETERINARY NURSING

MODULE: Veterinary Public Health

PAPER NO: 666/23/M05

DURATION: 3 Hours

NOVEMBER/ DECEMBER 2025 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATES

1. Answer any five (5) questions.
2. Do not write anything on the question paper.
3. Do not write your name on the answer Booklet.

This paper consists of 3 printed pages.



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QUESTION 1

- a) Outline any five (5) classification of zoonotic disease. (10 marks)
- b) Explain any five (5) storage requirement for animal derived food stuffs. (10 marks)

QUESTION 2

- a) Examine on any three (3) common pathogens which causes foodborne illnesses in humans and animal stating the disease they can cause. (12 marks)
- b) Compare and contrast subclinical and clinical diseases. (8 marks)

QUESTION 3

Evaluate four (4) importance of proper personal hygiene in the prevention and management of zoonotic disease. (20 marks)

QUESTION 4

- a) Define the following terms:
 - i) Risk control (3 marks)
 - ii) Zoonosis hazards (3 marks)
 - iii) Zoonotic disease (3 marks)
- b) Identify any five (5) animal products consumed by humans. (5 marks)
- c) Briefly explain any three (3) modes of transmission of zoonotic disease. (6 marks)

QUESTION 5

Corroborate on any five (5) factors that contribute to the emergence and transmission of zoonotic diseases. (20 marks)

QUESTION 6

A rural community in Mashonaland East province has reported an outbreak of rabies with five (5) confirmed human cases and ten (10) suspected animal cases within a period of two weeks. The community has a high population of free roaming dogs, and vaccination coverage for rabies is estimated to be less than 50%. The local healthcare facility has limited resource and capacity to manage the outbreak.

- a) Identify any five (5) potential risk factors for the transmission of rabies in the community. (5 marks)
- b) State any five (5) measures that should be taken to prevent further transmission of rabies. (5 marks)
- c) Determine any five (5) roles of the veterinarian in investigating and managing the outbreak. (10 marks)

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