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Pearson BTEC
Level 1/Level 2
First Award

Centre Number	Learner Registration Number
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Animal Care

Unit 1: Animal Health

Wednesday 18 May 2016 – Morning Time: 1 hour	Paper Reference 21883G
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You do not need any other materials.	Total Marks
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Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and learner registration number.
- Answer **all** questions.
- Answer the questions in the spaces provided
– *there may be more space than you need.*

Information

- The total mark for this paper is 50.
- The marks for **each** question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►

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Answer ALL questions.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

1 Identify **one** symptom an animal would show if it was suffering from a tapeworm infestation.

- A Lying down
- B Diarrhoea
- C Discharge
- D Hair loss

(Total for Question 1 = 1 mark)

2 Identify **one** sign of stress in rabbits.

- A Rapid breathing
- B Matted coat
- C Bleeding gums
- D Slow heart rate

(Total for Question 2 = 1 mark)

3 Identify **two** signs that would indicate an animal is in pain.

- A Hyperactivity
- B Hunched posture
- C Limping on one leg
- D Vigorous appetite
- E Eating faeces

(Total for Question 3 = 2 marks)

4 Identify **two** statements that are true about viruses.

- A They can be seen by the naked eye
- B They have a protein coat
- C They are living cells
- D They need a host to survive
- E They have a cell wall

(Total for Question 4 = 2 marks)

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5 Identify **one** symptom of ringworm.

- A Circular lesions
- B Conjunctivitis
- C Pale gums
- D Increased heart rate

(Total for Question 5 = 1 mark)

6 State **two** reasons why the body temperature of a goat may increase.

- 1
- 2

(Total for Question 6 = 2 marks)

7 Give **one** example of why an animal's health would be monitored through visual observations instead of carrying out physical health checks.

-

(Total for Question 7 = 1 mark)

8 Jack is being interviewed for a job as an animal care assistant. During his interview he is asked to do the following.

(a) Define the term 'zoonotic disease'.

(1)

-
-

(b) Give **one** example of a zoonotic disease.

(1)

-

(Total for Question 8 = 2 marks)

9 State **two** ways that a disease can be spread by indirect contact.

- 1
- 2

(Total for Question 9 = 2 marks)



10 A rectal thermometer is used to measure the body temperature of many animals.

(a) State **one** reason why this method would **not** be used for a bearded dragon. (1)

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(b) State **one** thing that could be done to reduce the temperature of a bearded dragon. (1)

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.....

(Total for Question 10 = 2 marks)

11 Eli is working on a farm and he needs to check the heart rate of a goat. Eli uses his thumb to check for the goat's pulse.

Explain **one** reason why using this method is not suitable.

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(Total for Question 11 = 2 marks)

12 Explain **one** reason why antibiotics may be used as part of the treatment for a rabbit with the myxomatosis virus.

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(Total for Question 12 = 2 marks)

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13 State the meaning of the term `BPM' in relation to carrying out a health check.

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(Total for Question 13 = 1 mark)

14 State **two** treatments for salmonella in animals.

1

2

(Total for Question 14 = 2 marks)

15 State **one** cause of increased heart rate in cats.

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(Total for Question 15 = 1 mark)

16 Rani is completing work experience at a veterinary surgery. She is asked to carry out an egg count.

Describe what is meant by an `egg count'.

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(Total for Question 16 = 2 marks)

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17 One of the reasons ticks are successful parasites is because their saliva contains an anticoagulant that stops blood from clotting so they can keep feeding.

Explain **two other** features of a tick's body that makes it a successful parasite.

1

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2

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(Total for Question 17 = 4 marks)

18 A dog in your care was wormed six months ago but has just given birth to puppies which have a roundworm infestation.

(a) Explain **two** processes of transmission that caused this.

(4)

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(b) Explain **two** of the instructions for applying spot-on wormer to a dog.

(4)

1

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2

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(Total for Question 18 = 8 marks)

19 You are working on a farm park. Avian influenza (bird flu) has just been diagnosed in your chicken flock.

Explain **two** of the actions that should be followed to control the potential outbreak of the disease.

1

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2

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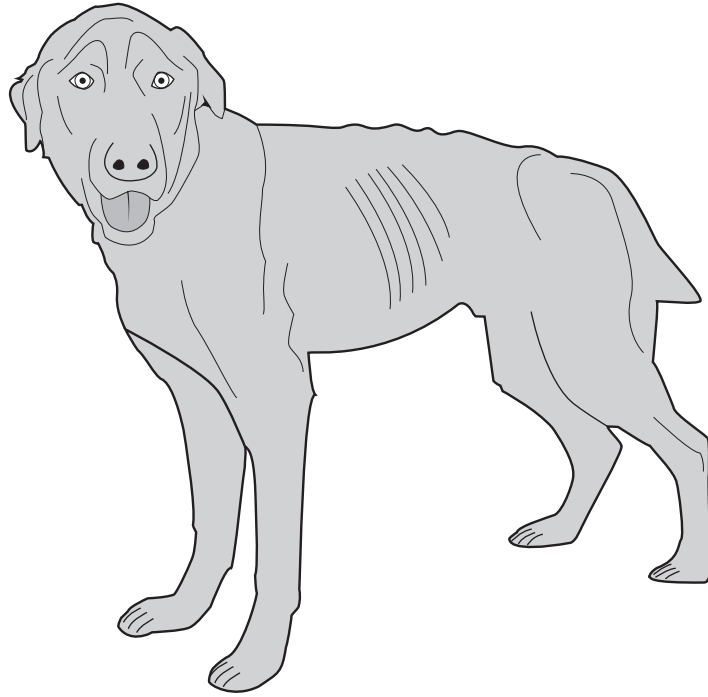
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(Total for Question 19 = 4 marks)



20 Jessica works at a boarding kennel and a Labrador arrives for boarding. Both the owners and the dog are new clients at the kennel. During its admission check the dog is condition scored at a 2. Below is an illustration of the dog.



Discuss a range of reasons why the dog may be in this condition.

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(Total for Question 20 = 8 marks)

TOTAL FOR PAPER = 50 MARKS





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