## 0172-539 JUNE 2018

## Level 3 Technicals in Animal Management (Zoos)

Level 3 Animal Management - Theory exam (2)

## If provided, stick your candidate barcode label here.

Wednesday 20 June 2018
09:30-11:30


- If any additional answer sheets are used, enter the additional number of pages in this box.
- Please ensure that you staple additional answer sheets to the back of this answer booklet, clearly labelling them with your full name, enrolment number, centre number and qualification number in BLOCK CAPITALS.
- All candidates need to use a black/blue pen. Do not use a pencil or gel pen.
- If provided with source documents, these documents will not be returned to City \& Guilds, and will be shredded. Do not write on the source documents.
*I declare that I had no prior knowledge of the questions in this assessment and that I will not divulge to any person any information about the questions.


## You should have the following for this examination

- a pen with blue or black ink


## General instructions

- Use black or blue ball-point pen.
-The marks for questions are shown in brackets.
- This examination contains 16 questions. Answer all questions.
- Answer the questions in the spaces provided. Answers written in margins or on blank pages will not be marked.
- Cross through any work you do not want to be marked.

1 State three examples of physical resources that are required by a zoo business.

2 When starting up a new business, it is important to research the marketplace.
Explain how knowledge of the customer base will influence the business' decisions.
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3 State three pieces of legislation that an aquatics shop needs to comply with.
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4 Explain two advantages and two disadvantages of egg scattering as a breeding strategy for fish.

5 Explain why it is important to record the numbers and species in each tank for a commercial aquarium.
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6 Describe two ways how poor water quality can cause ill health in fish.
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7 State two methods of presenting food to fish in an aquarium.
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8 a) State the name of the two organs in the diagram below.


Figure 1
Organ 1: $\qquad$
Organ 2: $\qquad$
b) State the function of organ 2 .
(2 marks)
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9 Explain three benefits of enrichment for avian species.
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10 Explain two factors that need to be considered before feeding birds.
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11 Explain two methods that could be used to prevent the spread of an avian disease outbreak.
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12 State two examples of sustainable resources that could be incorporated into enclosure design.

13 Explain three reasons why it is important to carry out a risk assessment before handling or restraining an animal.
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14 Explain two reasons why it is important to keep records of the following:
a) Enrichment.
b) Cleaning.
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15 Describe two advantages and two disadvantages of mixed exhibits in zoos.
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16 A zoo is closing down and has a variety of animals that need transporting to their new accommodation. The types of animals at the zoo include aquatic, avian and other zoo species.

Discuss the animal welfare considerations and the physical resources required to transport the range of animals safely and justify your suggestions.
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