

**DEMONSTRATE KNOWLEDGE OF ANIMAL ANATOMY
AND PHYSIOLOGY**



Assessment Task

Student Name:	
Declaration / signature	I declare that this work is my own:

Result	Achieved / more evidence required	
Questions to revisit		
Assessor's name		
Assessor's signature		Date
Re assessment date		
Result	Achieved / more evidence required	
Assessor's signature		

Instructions:

1. Write your name in the space below.
2. Answer all the questions in booklet.
3. This is an OPEN book assessment
4. If you do not achieve the standard, you will have another opportunity to attempt the assessment again.

QUESTION ONE

a) Describe the location and **two** functions of the following body parts:

Body Part	Location	Functions (must clearly describe two functions)
Skeleton		
Muscles		
Tendons		
Skin		

b) Match the following bovine body parts to the 10 pictures below:

Ovaries
Lungs

Testes
Digestive tract

Heart
Kidney

Uterus
Lymph node

Brain
Liver

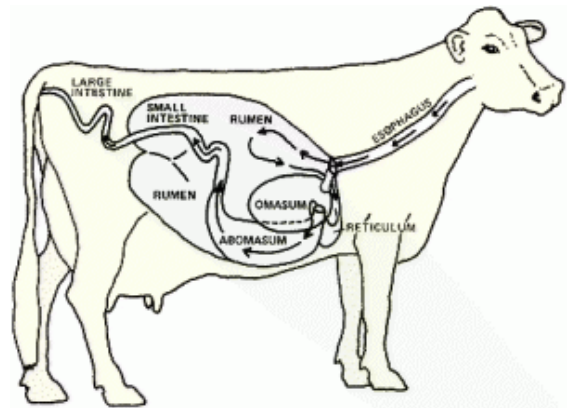
i. _____



ii. _____



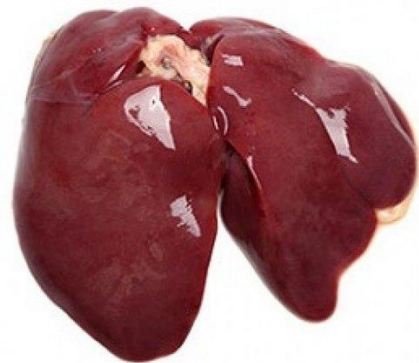
iii. _____



iv. _____



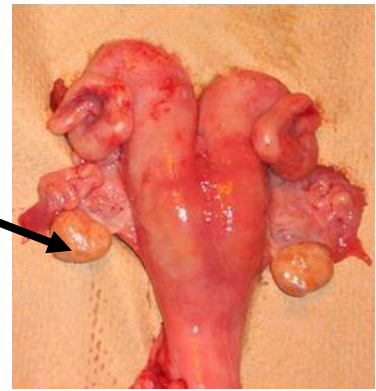
v. _____



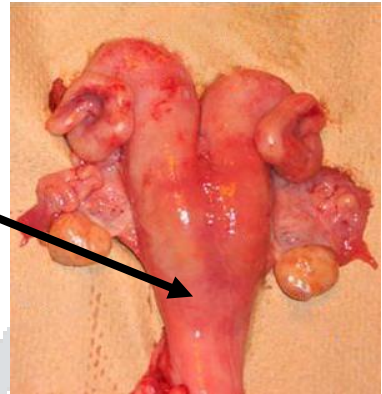
vi. _____



vii. _____



viii. _____

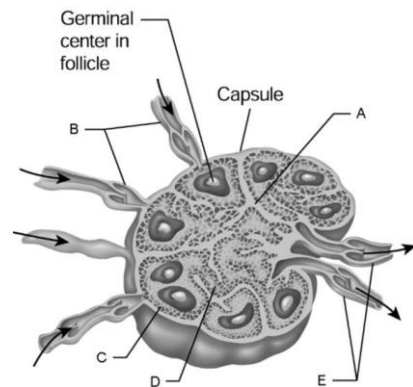


ix. _____

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X. _____

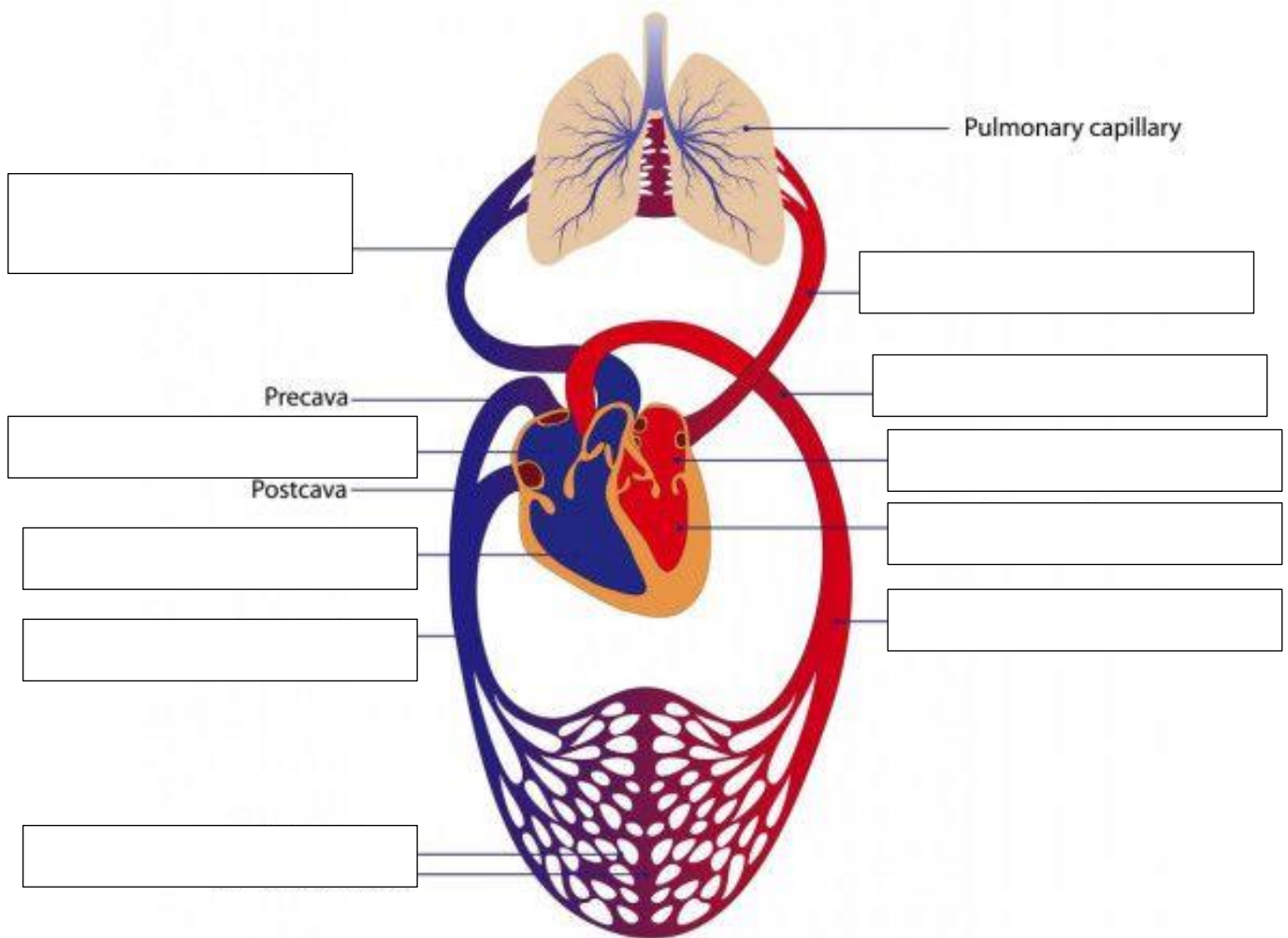


QUESTION TWO

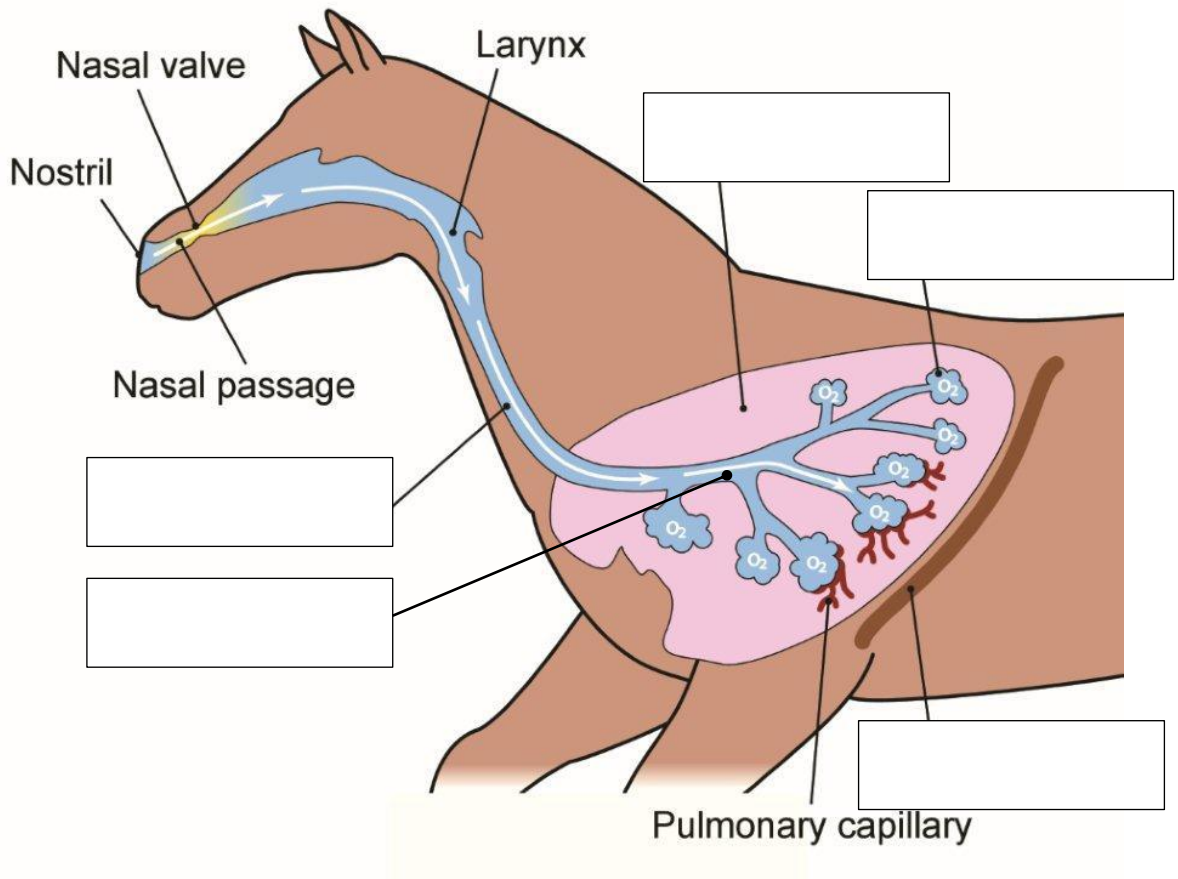
a) Correctly name and label the following diagrams for the body systems of animals and clearly describe **two** functions.

i. Body system: _____

Primary functions: _____

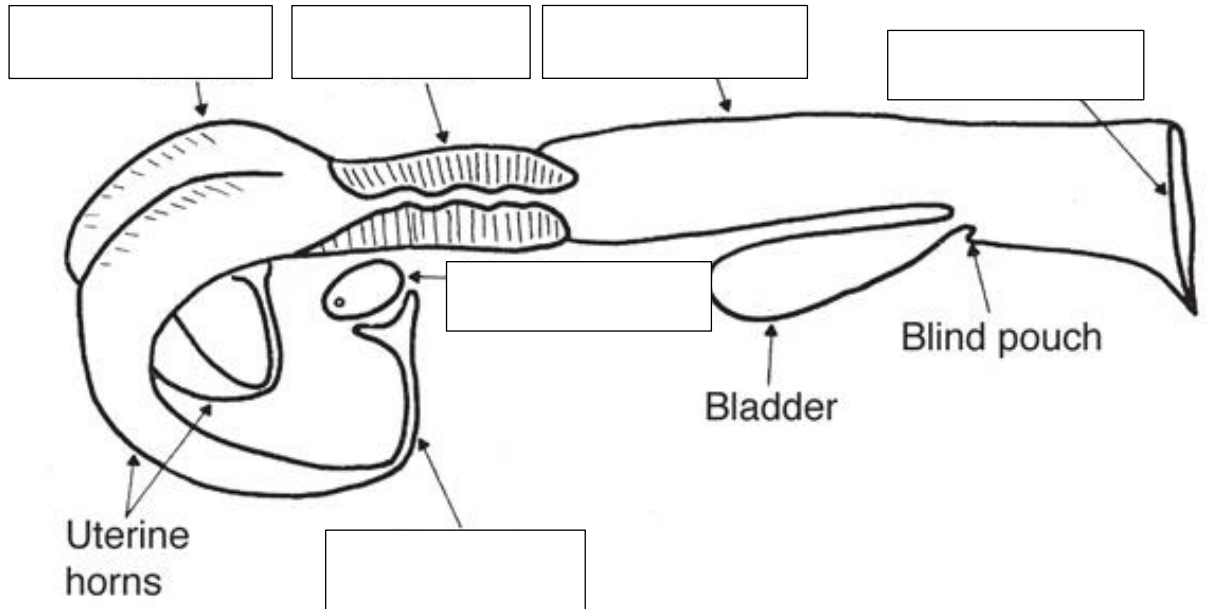


ii. Body system: _____
Primary functions: _____



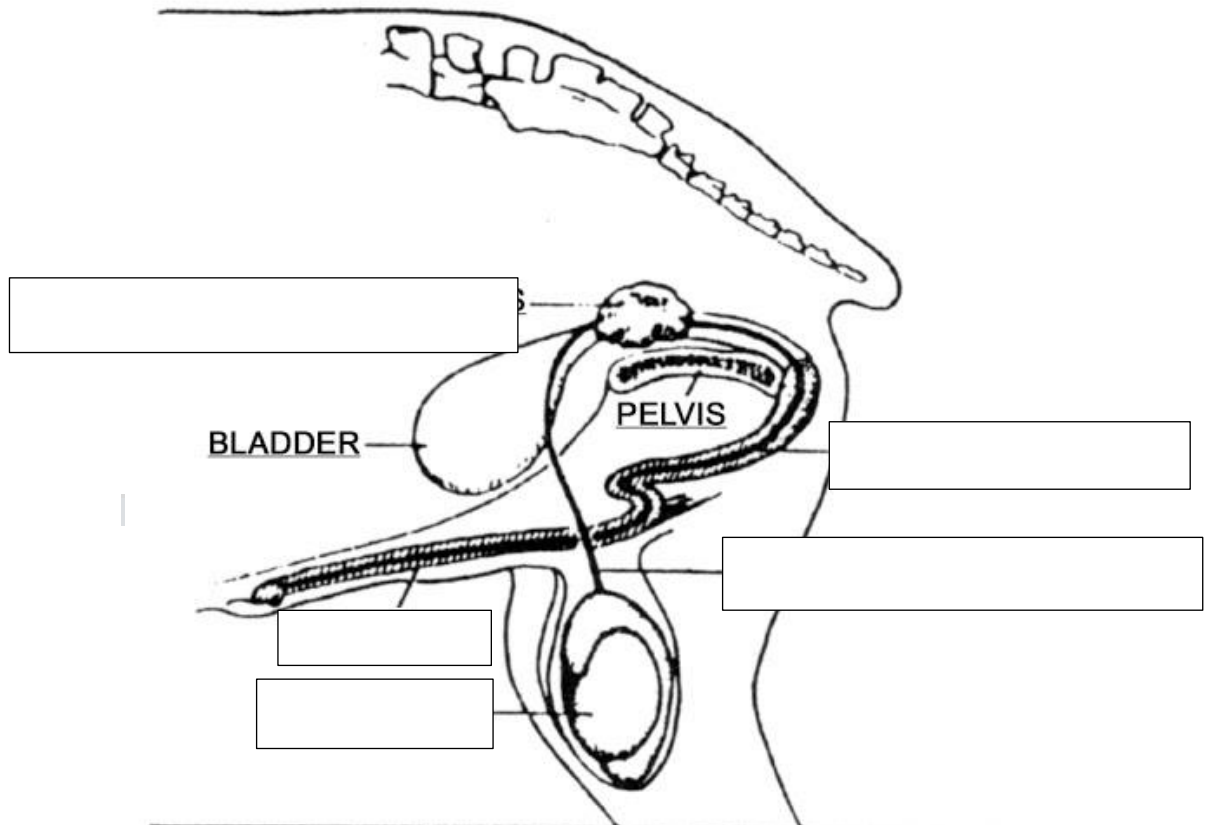
iii. Body system: _____

Primary functions: _____



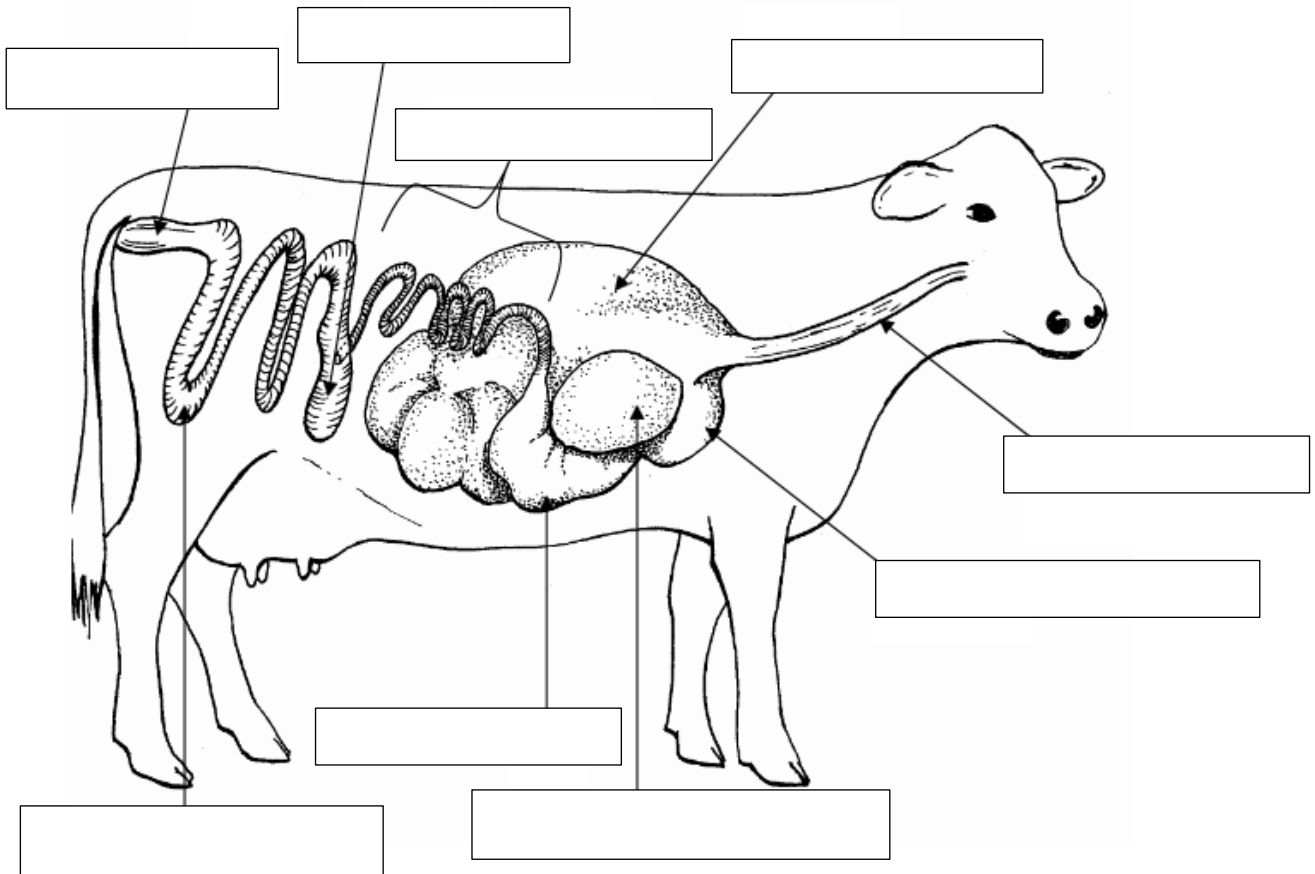
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iv. Body system: _____
Primary functions: _____



v. Body system: _____

Primary functions: _____



b) Give an example of a farm animal for each of the two digestive systems:

1) Ruminant:

2) Non-ruminant:

c) Describe the role that the following parts of the ruminant digestive system have in the digestion process.

1) Rumen:

2) Reticulum:

3) Omasum:

4) Abomasum:



- d) Complete the following table to compare the similarities and differences of the ruminant and non-ruminant digestion processes:

Ruminant only	Non-ruminant only	Ruminant and non-ruminant

Final sign-off comment (Assessor to complete): Comment on the candidates' competency in meeting this standard. Give confirmation that they can successfully demonstrate knowledge of mammalian physiology and outline any practical experience i.e., fieldtrip, demonstration, or home kill.

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