



Wednesday 2 March 2022
09:30 – 11:30

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1 Define the following physiological terms.

a) Dysuria.

(1 mark)

b) Orchitis.

(1 mark)

c) Tachypnoea.

(1 mark)

2 State **two** modes of joint movement that can be applied to the pelvic joint of a dog.

(2 marks)

3 Define the following terms relating to body cavities.

a) Coelom.

(1 mark)

b) Mediastinum.

(1 mark)

c) Thorax.

(1 mark)

- 4 Explain the difference between 'endochondral ossification' and 'intramembraneous ossification'. (4 marks)

- 5 Describe **two** actions taken by the integument system to conserve heat. (4 marks)

- 6 Name **three** components of the upper respiratory tract. (3 marks)

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10 Name the **three** different groups of blood cells. (3 marks)

11 Name **two** peripheral nerves which supply the hindlimb. (2 marks)

12 State the **three** sensory cranial nerves. (3 marks)

13 Define the following terms.
a) Osmosis. (2 marks)

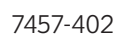
b) Diffusion. (2 marks)

14 Name **two** hormones produced in the testes in the entire male dog. (2 marks)

- 15 State **four** differences in the form and function of the urinary tract in a bird compared to a cat.

(4 marks)

(12 marks)



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