

Question 1.

Read the passage below and choose the most appropriate word or phrase from the four choices for each blank. Write the corresponding letter (a-d) on your answer sheet.

(著作権の関係上、公開できません。)

[source: Veterinary Toxicology, Basic and Clinical Principles, 2nd edition, 2012]

- |      |                   |                  |                 |                   |
|------|-------------------|------------------|-----------------|-------------------|
| (1)  | a. by             | b. in            | c. to           | d. on             |
| (2)  | a. when           | b. where         | c. what         | d. how            |
| (3)  | a. Although       | b. If            | c. Because      | d. Whether        |
| (4)  | a. What is        | b. This is       | c. There is     | d. Because of     |
| (5)  | a. addition       | b. separate      | c. contrast     | d. particular     |
| (6)  | a. to             | b. with          | c. for          | d. by             |
| (7)  | a. to             | b. for           | c. of           | d. with           |
| (8)  | a. examples of    | b. exceptions of | c. exemption of | d. exclusion from |
| (9)  | a. resulting from | b. resulting in  | c. results in   | d. results from   |
| (10) | a. of             | b. to            | c. by           | d. in             |
| (11) | a. of             | b. to            | c. by           | d. in             |
| (12) | a. of which       | b. by which      | c. to whom      | d. to which       |

# Doctoral Program of Veterinary Science

獣医学専攻

帯広畜産大学大学院畜産学研究科

科目名：英語

博士課程

平成 31 年度 4 月入学（第 2 回）

English 2 / 4

## Question 2-1

Read the passage below and choose the most appropriate word or phrase from the four choices for each blank. Write the corresponding letter (a-d) on your answer sheet.

(著作権の関係上，公開できません。)

- |                                  |                                |               |                  |
|----------------------------------|--------------------------------|---------------|------------------|
| (1) a. design and implement      | b. be designed and implemented |               |                  |
| c. be designing and implementing | d. designing and implementing  |               |                  |
| (2) a. zoonoses                  | b. zoo                         | c. noses      | d. zygomycosis   |
| (3) a. susceptibility            | b. virulence                   | c. resistance | d. pathogenicity |
| (4) a. at                        | b. for                         | c. in         | d. out           |
| (5) a. to                        | b. out                         | c. by         | d. above         |
| (6) a. Harmonization             | b. Human                       | c. Health     | d. Hidden        |
| (7) a. with                      | b. within                      | c. without    | d. withdraw      |

(From WHO homepage, <http://www.who.int/features/qa/one-health/en/>)

**Question 2-2**

Read the words and their meanings below, and choose the most appropriate word or phrase from the four choices for each blank (1–5). Write the corresponding letter (a-d) on your answer sheet.

**Protein:**

(著作権の関係上，公開できません。)

- |                    |                |                |                |
|--------------------|----------------|----------------|----------------|
| (1) a. inorganic   | b. organic     | c. radioactive | d. inactive    |
| (2) a. nucleotides | b. nucleosides | c. amino acids | d. saccharides |

**Animal:**

(著作権の関係上，公開できません。)

- |           |       |       |            |
|-----------|-------|-------|------------|
| (3) a. in | b. on | c. of | d. without |
|-----------|-------|-------|------------|

**( 4 ):**

(著作権の関係上，公開できません。)

- |              |               |                 |            |
|--------------|---------------|-----------------|------------|
| (4) a. Nurse | b. Pharmacist | c. Veterinarian | d. Patient |
|--------------|---------------|-----------------|------------|

**Yeast:**

(著作権の関係上，公開できません。)

- |           |        |          |           |
|-----------|--------|----------|-----------|
| (5) a. of | b. off | c. often | d. office |
|-----------|--------|----------|-----------|

(From OxfordDictionaries.com)

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English 3 / 4

Question 3-1.

Read the passage below and choose the most appropriate word or phrase from the four choices for each blank. Write the corresponding letter (a-d) on your answer sheet.

(著作権の関係上、公開できません。)

[Source: Basic Pathology, W.B. SAUNDERS, 1992.]

- |                       |                     |                 |                    |
|-----------------------|---------------------|-----------------|--------------------|
| (1) a. humans         | b. insects          | c. parasites    | d. virus           |
| (2) a. decrease       | b. increase         | c. loss         | d. reduce          |
| (3) a. are controlled | b. are uncontrolled | c. control      | d. are controlling |
| (4) a. dependent from | b. dependent with   | c. dependent on | d. dependency      |

- (5) a. is often referring as    b. is often referred as    c. is often referred to as    d. refers to  
(6) a. are collectively often referring as    b. are collectively often referred as  
     c. are collectively referred to as    d. refers to

Question 3-2.

From the previous passage, select words (2 words for each) that describe the characteristics of a "benign tumor" and a "malignant tumor".

Benign tumor : \_\_\_\_\_

Malignant tumor : \_\_\_\_\_

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English 4 / 4

### Question 4

Read the passage below and answer the following questions.

(著作権の関係上、公開できません。)

Question 4-1

Choose the most appropriate word from the four choices for each blank (1-4). Write the corresponding letter (a-d) on your answer sheet.

- |     |          |       |         |         |
|-----|----------|-------|---------|---------|
| (1) | a. which | b. as | c. that | d. in   |
| (2) | a. in    | b. of | c. to   | d. by   |
| (3) | a. in    | b. on | c. into | d. from |
| (4) | a. in    | b. on | c. of   | d. at   |
| (5) | a. in    | b. on | c. of   | d. at   |

Question 4-2

Choose the sentence that is not an appropriate explanation of RFM in cattle.

- (a) Definition of RFM is the failure to expel fetal membranes within 12 hr after parturition.
- (b) The incidence of RFM is lower in beef cattle compared with dairy cattle.
- (c) Impaired uterine motility is involved in occurrence of RFM rather than placental detachment.
- (d) Usually, the cow with RFM shows no signs of systemic illness.

Question 4-3

Choose the one (a-e) that is not a cause of RFM.

- (a) dystocia
- (b) hypocalcemia
- (c) induction of parturition
- (d) metritis
- (e) placentitis

Question 4-4

Choose the one indicator for RFM that can not be diagnosed by appearance.

- (a) loss of appetite
- (b) ketosis
- (c) mastitis
- (d) foul-smelling discharge

Question 4-5

Choose the one (a-d) that is not an endocrinological characteristic of a cow with retained fetal membranes.

- (a) low oxytocin during parturition
- (b) alteration of PGE<sub>2</sub>:PGF<sub>2</sub> ratio
- (c) decreased estradiol level in late pregnancy
- (d) increased cortisol level in late pregnancy

Question 4-6

Choose the appropriate prevention method for retained fetal membranes.

- (a) Manual removal of the retained membranes will accelerate the involution of the uterus.
- (b) Treatment with oxytocin will hasten expulsion of retained membranes.
- (c) Supplementation with vitamin E and selenium will be beneficial to prevent RFM for herds in which these nutrients are deficient.
- (d) Intrauterine antimicrobials treatment has been found to be beneficial to prevent the gross contamination of the genital tract.