

2014학년도 중등학교교사임용후보자선정경쟁시험

영 어

수험 번호 : () 성 명 : ()

1차 시험	3 교시 전공B	4문항 30점	시험 시간 90분
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- 문제지 전체 면수가 맞는지 확인하십시오.
- 모든 문항에는 배점이 표시되어 있습니다.

※ Write all answers in English.

서술형 [1~2]

1. Read the passage and follow the directions. [5 points]

The population of a certain species tends to remain relatively stable over long periods of time. After domestic sheep became established on the island of Tasmania in the early nineteenth century, for instance, their population varied irregularly between 1,230,000 and 2,250,000—less than a factor of 2—over nearly a century. We know this because sheep were, and still are, very important to the economy of Tasmania, and their numbers were carefully recorded. In sharp contrast, populations of small, short-lived organisms may fluctuate wildly over many orders of magnitude within short periods. Populations of the green algae and diatoms that make up the phytoplankton may soar and crash over periods of a few days or weeks. These rapid fluctuations overlay changes with longer periods that occur, for example, on a seasonal basis.

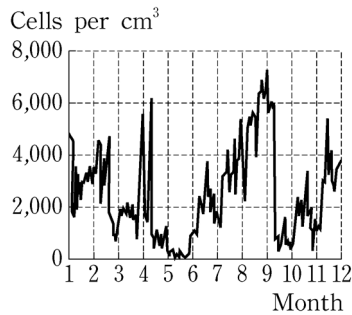


Figure 1

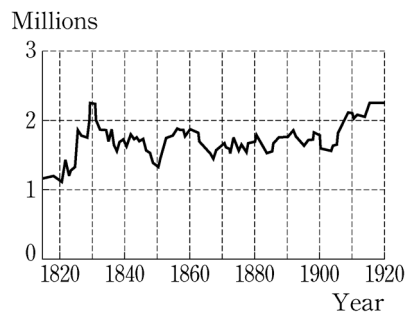


Figure 2

Why do sheep and algae show such disparate fluctuations in population? First of all, sheep and algae differ in their sensitivity to environmental change. Because sheep are larger, they have a greater capacity for homeostasis and better resist the physiological effects of environmental change. Furthermore, the populations of sheep and algae are differentially affected by birth rate fluctuations. Because sheep have a relatively long lifespan, short-term fluctuations in birth rate do not greatly affect the overall population at a given time. Thus, sheep populations possess a high intrinsic

stability. On the other hand, the lives of single-celled algal cells span only a few days, so these intrinsically unstable populations turn over rapidly.

* homeostasis: the maintenance of a stable equilibrium

Identify the figure that represents the fluctuations in sheep population and explain why the sheep population fluctuated the way the figure depicts. Do NOT copy more than FIVE consecutive words from the passage.

2. Read the poem and follow the directions. [5 points]

Say not the struggle naught availeth,
The labour and the wounds are vain,
The enemy faints not, nor faileth,
And as things have been they remain.

If hopes were dupes, fears may be liars;
It may be, in yon smoke conceal'd,
Your comrades chase e'en now the fliers,
And, but for you, possess the field.

For while the tired waves, vainly breaking,
Seem here no painful inch to gain,
Far back, through creeks and inlets making,
Comes silent, flooding in, the main.

And not by eastern windows only,
When daylight comes, comes in the light;
In front the sun climbs slow, how slowly!
But westward, look, the land is bright!

* yon: over there
* fliers: runaway soldiers
* the main: the sea

Describe the theme of the poem and explain how the metaphor, “the main” (Line 12), is related to the theme.

논술형 【1~2】

1. Read the passage and follow the directions. 【10 points】

Korea is quickly becoming an aging society. Consequently, we need to prepare so that we can effectively deal with the changes this situation will bring about. Clearly, these changes will have a wide-ranging impact on different facets of the nation. We should consider how we must prepare for the future from both individual and societal perspectives. Below are some of the points to consider within these two main areas.

• Possible preparation points at the individual level

- Develop life-long hobbies
- Embrace healthier lifestyles
- Seek financial self-sufficiency

• Possible preparation points at the societal level

- Re-examine mandatory retirement ages
- Improve the healthcare system
- Expand the existing pension system

How must we prepare for the future? Choose one preparation point that you think is most important at each level, and write a composition following the guidelines below.

<Guidelines>

- Write TWO paragraphs, one for each preparation point.
- For each paragraph, include a topic sentence.
- Support each preparation point with two specific reasons.
- Use neat handwriting.

2. Examine the class observation checklist and notes completed by a middle school English teacher after observing a colleague's class, and follow the directions. 【10 points】

Observation Checklist

Instructor: *Sumi Kim* Unit: *4. Personal Health*
 Topic: *How to treat acne* Function: *Giving advice*
 Period: *2/8* Date: *Nov. 11*

Areas	Criteria	Scale*
Lesson Preparation	• have a clearly developed lesson plan	1 - 2 - 3
	• prepare interesting multimedia materials	1 - 2 - 3
Instructional Strategies	• give clear directions	1 - 2 - 3
	• use an appropriate grouping strategy for group activities	1 - 2 - 3
	• provide level-appropriate activities	1 - 2 - 3
Affective Aspects	• create a warm and accepting atmosphere	1 - 2 - 3

* 1 = poor, 2 = average, 3 = good

Notes

- A fun video clip on acne. SS loved it.
 - T was kind and patient.
 - Group activity (same-ability grouping)
 ▶ Higher-level students did well. Had no problems.
 ▶ Lower-level students had a hard time completing the task. Seemed like they needed some help.

In one paragraph, identify one strong point and one weak point of the lesson based on the data above. Support each of your choices with details from both the checklist and the notes. In another paragraph, address the problems the lower-level students are experiencing by suggesting two possible solutions and supporting them with your rationales.

<수고하셨습니다.>

이 면은 여백입니다.