

2019年度 経済学部

一般入学試験 (B日程) 問題

コミュニケーション英語 I・II (3月6日)

第1問 次の英文を読み、**1**~**10**の質問への答え、あるいは文に続く最も適切な語(句)をそれぞれ**1**~**4**から選びマークせよ。

著作権の関係により本文は省略します。

(<https://oac.cdlib.org/view?docId=kt3j49n66k;NAAN=13030&doc.view=frames&chunk.id=d0e499&toc>より作成)

- 1** How does the author describe the place where he grew up?
- ① A busy city area
 - ② A street with shopping centers
 - ③ A ranch far away from other places
 - ④ A wealthy countryside area
- 2** Most of the author's necessities came from _____.
- ① the ranch itself
 - ② nearby stores
 - ③ his grandparents
 - ④ the government
- 3** What does the author say was on his ranch as a child?
- ① Bees, fruits, and machines
 - ② Trees, houses and cows
 - ③ Bees, fruits, and birds
 - ④ Rental property
- 4** it¹ means
- ① the property
 - ② not having enough money
 - ③ people talking
 - ④ having animals to eat
- 5** What is NOT a way the author's area has changed since his childhood?
- ① There are now supermarkets and gas stations.
 - ② The dirt road is now paved.
 - ③ Palm Grammar School is not there now.
 - ④ Students have to wear leather shoes to school.

- 6 How does the author describe his school?
- ① The teacher taught him math and measurements.
 - ② The teacher was very strict.
 - ③ The students were rude to the teacher.
 - ④ The students never came to school.

- 7 that² means
- ① making people do work
 - ② helping the family
 - ③ the teacher's ruler
 - ④ expecting things from parents

- 8 Why did the author's father most likely have his work with the bees when he was in high school?
- ① He wanted to punish him for not studying.
 - ② He thought he was not good at milking cows.
 - ③ He thought he should eat more honey.
 - ④ He wanted him to continue his beekeeping business.

- 9 What did the author decide to do?
- ① Run away from the ranch
 - ② Help his father, but not become a beekeeper
 - ③ Not help his father at all
 - ④ Make a living off of bee hives

- 10 How could the author's family best be described?
- ① Self-sufficient and independent
 - ② Poor and troubled
 - ③ Wealthy and prosperous
 - ④ Isolated and threatened

第 2 問 次の[A]～[C]の英文を読み、11～20に入る最も適切な語をそれぞれ①～④([B]は①～⑤)から選び、マークせよ。

[A]

著作権の関係により本文は省略します。

(<https://www.usaid.gov/partnership-opportunities/ngo> より作成)

- ① for
- ② from
- ③ that
- ④ which

[B]

著作権の関係により本文は省略します。

(<https://www.usaid.gov/partnership-opportunities/universities> より作成)

- ① collaborative
- ② development
- ③ improve
- ④ achieving
- ⑤ times

[C]

著作権の関係により本文は省略します。

(<https://www.usaid.gov/partnership-opportunities/bring-us-your-ideas> より作成)

- ① out
- ② how
- ③ come
- ④ share

第3問 次の 21~30 の文の下線部に入るもっとも適切な語（句）をそれぞれ①~④から選びマークせよ。

1) The Foreign Minister said, “21 our hope that the two sides will work towards peace.”

- ① This is
- ② There is
- ③ That is
- ④ It is

2) We've talked a lot 22 cars. What about trains?

- ① of
- ② with
- ③ about
- ④ in

3) "Mr. Tanaka, whom would you rather _____²³ the important meeting?"
"Tom."

- ① have attend
- ② have attended
- ③ having attend
- ④ have to attend

4) Mr. Smith used to smoke _____²⁴ but he has given it up.

- ① seriously
- ② heavily
- ③ badly
- ④ hardly

5) I agree with most of what you said, but I don't agree with _____²⁵.

- ① everything
- ② anything
- ③ something
- ④ nothing

6) "English has a large vocabulary, hasn't it?"

"Yes. _____²⁶ more words and expressions and you will find it easier to read and communicate."

- ① Know
- ② Knowing
- ③ To know
- ④ Known

7) "What do you think made Mary so upset? "

" _____²⁷ her new bike."

- ① As she lost
- ② Lost
- ③ Losing
- ④ Because of losing

8) "How many apples do I have?"

"You can have _____²⁸. I want none of them."

- ① one
- ② all
- ③ both
- ④ some

9) "Which books would you like to borrow?"
" 29 of the two books is OK with me."

- ① Either
- ② Both
- ③ Any
- ④ None

10) At first it seemed that the building would be all right but later it was found to need 30.

- ① installations
- ② modifications
- ③ innovations
- ④ illustrations

第 4 問 次の 31~40 の文にそれぞれ誤りがある。①~④のうちどれか、マークせよ。

31 In some cities it is very ①difficult to have a telephone ②installation, and people have to wait ③a long time before they can ④get a phone.

32 This ①class ②is ③studying now. Miss Lucy ④teaches them.

33 We will ①have ②a ③two-months ④holiday after the exam.

34 Our sports meeting ①will be ②held ③on ④April 24, Tuesday.

35 ①Some ②people like to ③stay at home, but ④other ones like to go to the cinema.

36 Have you ever ①seen ②such ③one big ④panda before ?

37 "When ①shall we meet again next week ?"
"②Every day ③is possible. ④It's no problem with me."

38 "①How long do you ②write a letter ③to your parents?"
"④Once a month."

39 Robert has gone to ①the other ②city and he'll ③be back ④after a week.

40 Mrs. Takahashi ①teaches ②our ③mathematics. We all like ④her.

第 5 問 次の①～④の語（句）を並べかえて完全な文にしたとき、41～50に入る語（句）をマークせよ。

1) Your holiday is 41 _____ 42 _____ with office _____.

- ① regulations
- ② accordance
- ③ in
- ④ guaranteed

2) He sang a folk _____, 43 _____ his wife at the 44 _____.

- ① accompanied
- ② song
- ③ piano
- ④ by

3) The children are 45 _____ age and 46 _____.

- ① according
- ② grouped
- ③ ability
- ④ to

4) She _____ the 47 _____ of her 48 _____.

- ① best
- ② opportunity
- ③ use
- ④ made

5) If you cannot _____ the meeting, _____ you let me 49 _____ as soon as 50 _____.

- ① attend
- ② possible
- ③ can
- ④ know

2019 年度 経済学部

一般入学試験問題 (B 日程)

数学 I

(3 月 6 日)

第 1 問 次の式の空欄にあてはまる数字をマークしなさい。

[1] $x = \frac{1}{3}$, $y = -2$ のとき,

$$(x - 3)(x + 3y) - (x + y)(x + 2y) = \boxed{1}$$

[2] $A = 3x^2 - 2x - 4$, $B = 2x^2 + x - 3$, $C = 2x + 3$

のとき,

$$AC - B = 6x^3 + \boxed{2}x^2 - 15x - 9$$

[3] $a = -\frac{1}{3}$ のとき,

$$6|a - 2| - 3|a + 2| = \boxed{3}$$

[4] $\frac{4}{1 - \sqrt{2} + \sqrt{3}} = \boxed{4} - \sqrt{2} + \sqrt{\boxed{5}}$

第2問 次の空欄にあてはまる数字をマークしなさい。

二次関数 $y = -2x^2 + 12x - 10$ のグラフを考える。

[1] 頂点の座標は (,) である。

[2] x 軸との交点の座標は (1, 0), (, 0) である。

[3] $x = 2$ に対称な二次関数は

$y = -2x^2 + x +$ である。

第3問 次の空欄にあてはまる数字をマークしなさい。

〔1〕 周囲の長さが同じ円と正三角形と正方形がある。

① 正三角形の面積は円の面積の $\frac{\sqrt{\boxed{11}}}{\boxed{12}}\pi$ 倍である。

② 正方形の面積は円の面積の $\frac{1}{\boxed{13}}\pi$ 倍である。

〔2〕 直線① $y = -x + 8$ と 直線② $y = \frac{3}{2}x$ と x 軸で囲まれる三角形の中に正方形 $ABCD$ を作る。そのとき正方形の一辺の長さは $\boxed{14}$ である。ただし、点 A, B は x 軸上、点 C は直線①上、点 D は直線②上にある。

第4問 次の空欄にあてはまる数字をマークしなさい。

[1] 三角形 ABC において, $BC = 4$, $A = 30^\circ$, $C = 45^\circ$ である。このとき, $AB = \boxed{15}\sqrt{\boxed{16}}$ で, 外接円の半径は $\boxed{17}$ である。

[2] 三角形 ABC において, $AC = 4$, $AB = 6$, $A = 60^\circ$ である。このとき, $BC = \boxed{18}\sqrt{\boxed{19}}$ で, 三角形の面積は $\boxed{20}\sqrt{3}$ である。

第5問 次の空欄にあてはまる式または言葉を選択肢から選び、

その数字をマークしなさい。

- (a) 命題「 $x < 2 \Rightarrow x < 5$ 」は である。
- (b) (a)の命題の逆は「 \Rightarrow
- 」であり、
-
- である。
- (c) (a)の命題の裏は「 \Rightarrow
- 」であり、
-
- である。
- (d) (a)の命題の対偶は「 \Rightarrow
- 」であり、
-
- である。

選択肢

- ① $x < 2$ ② $x < 5$ ③ $x \leq 2$ ④ $x \leq 5$
⑤ $x > 2$ ⑥ $x > 5$ ⑦ $x \geq 2$ ⑧ $x \geq 5$
⑨ 真 ⑩ 偽