CLASS

NO.

確認テスト　UNIT 11～15

NAME

100

１ 《UNIT 11》 英文を読んで，下の問いに答えなさい。

When an ant is hurt or threatened, it produces (1)an “alarm” pheromone. Other ants identify the alarm pheromone and immediately come to help. The more serious the threat, the more alarm pheromones the ant produces. In this way, ants can quickly organize to fight insects hundreds of times their size.

Some species of ants use “trick” pheromones to stir up trouble and confuse their enemies. \*Fire ants, (　①　), produce pheromones near the nests of other ants. Those ants become confused and begin to fight each other instead of attacking the fire ants.

(注) fire ant　カミアリ

⑴　下線部(1)について，次の問いに答えなさい。 (4点×2)

　どのようなときに出されるか。説明を完成させなさい。

アリが()とき。

　このフェロモンにより，アリは何ができるようになるか。日本語で答えなさい。

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⑵　(　①　)に入れるのに最も適切なものを選び，記号で答えなさい。 (3点)

ア　on the other hand イ　for example

ウ　in addition エ　in the end (　　　)

⑶　本文の内容に合うように，　　に入る語を本文から抜き出しなさい。 (3点×3)

Pheromones produced by fire ants near the 　　　　　　　　 of other ants

　　　　　　　　 those ants and cause them to 　　　　　　　　 each other.

２ 《UNIT 12》 英文を読んで，下の問いに答えなさい。

**1. The Intimate Zone** between 6 inches and 18 inches (15-45 centimetres). Of all the zone distances, this is by far the most important, as it is this zone that a person guards as if it were his or her own property. Only those who are emotionally close to us are permitted to enter. (1)These include lovers, parents, spouse, children, close friends, relatives and pets. There is a sub-zone that extends up to 6 inches (15 cm) from the body that can be entered only during intimate physical contact. This is the close *Intimate Zone*.

**2. The Personal Zone** between 18 inches and 48 inches (46 cm-1.22 m). This is the distance that we stand from others at cocktail parties, office parties, social functions and friendly gatherings.

**3. The Social Zone** between 4 and 12 feet (1.22-3.6 m). We stand at this distance from strangers, the plumber or carpenter doing repairs around our home, the postman, the local shopkeeper, the new employee at work and people whom we don’t know very well.

⑴　1.の領域がすべての領域の中で最も大切なのはなぜか。日本語で答えなさい。 (4点)

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⑵　下線部(1)が指す内容を説明する次の文を完成させなさい。 (2点×2)

感情的に()，親密領域に(　　　　　　　　　　　　 )人たち。

⑶　次の距離感は，本文中の1～3のどれにあたるか。最も適切なものをそれぞれ選び，番号で答えなさい。 (3点×2)

　社内パーティーでの同僚と自分との距離 (　　　)

　入社してきたばかりの社員と自分との距離 (　　　)

３ 《UNIT 13》 英文を読んで，下の問いに答えなさい。

For centuries, American medicine has regarded the question of whether our emotions can affect our health as (　①　). Our two-hundred-year span of medical miracles has led us to respect the technological and scientific approach while (1)giving little thought to the impact that emotions might have on our health. In large part that’s because, until very recently, we have lacked scientific proof that our feelings can influence our physical well-being. In the last two decades, however, researchers have developed technology to see ―― in real time ―― how our emotions influence our bodies’ cells by changing the chemical and electrical activity in our brains.

⑴　(　①　)に入れるのに最も適切なものを選び，記号で答えなさい。 (3点)

ア　critical　　イ　significant　　ウ　practical　　エ　unimportant (　　　)

⑵　下線部(1)の主な理由は何か。日本語で答えなさい。 (4点)

⑶　科学者はどのような方法によって，感情の体細胞への影響を知ることができるようになったか。日本語で答えなさい。 (4点)

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４ 《UNIT 14》 英文を読んで，下の問いに答えなさい。

Forests not only accommodate countless numbers of different species, but also play a critical role in regulating climate. The destruction of forest, particularly by burning, results in great increases in the amount of carbon in the atmosphere. This happens for (1)two reasons. Firstly, there is a great reduction in the amount of carbon dioxide taken in by plants for \*photosynthesis and secondly, burning releases huge quantities of carbon dioxide into the atmosphere. ((2)The 1997 fires in Indonesia’s rain forests are said to have added as much carbon to the atmosphere as all the coal, oil and gasoline burned that year in western Europe.) This is significant because carbon dioxide is one of the main greenhouse gasses implicated in the current global warming trend.

Average global temperatures have been showing a steadily increasing trend. Snow cover and ice cover have (　①　), deep ocean temperatures have (　②　) and global sea levels have risen by 100-200 mm over the last century. If current trends continue, scientists predict that the earth could be on average 1℃ warmer by 2025 and 3℃ warmer by 2100.

(注) photosynthesis　光合成

⑴　下線部(1)の内容を，日本語で２つ書きなさい。 (4点×2)

・()

・()

⑵　下線部(2)の日本語訳を完成させなさい。 （4点）

1997年のインドネシアの熱帯雨林の火災は，その年に西ヨーロッパにおいて

。

⑶　(　①　)と(　②　)のそれぞれに，increaseまたはdecreaseのいずれかを適切な形になおして入れなさい。 (3点×2)

① 　　②

⑷　海面はこの100年でどのように変化したか。日本語で説明しなさい。

（4点）

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⑸　次の意味を表す語を本文からそのままの形で抜き出しなさい。 (3点×2)

　to provide somebody with a place to live

　to say that something will happen

５ 《UNIT 15》 英文を読んで，下の問いに答えなさい。

After he graduated from high school, he( = Stephen) gave a speech in which he thanked his coaches and said that, as a result of sports, he had learned two great lessons in life: The first was to work hard; the second was to finish strong. And (1)we’ve seen the positive results of those lessons influence everything he’s taken on since.

Results are all about (　①　). You’re probably aware of the old saying: Beginners are many, finishers are few. Increasingly, it seems, we live in a society of victims and quitters. The sheer number of people quitting their jobs, fathers abandoning children, and teenagers who don’t even graduate from high school indicates that, at least in some situations, (2)when things get difficult people simply quit. Of course, (3)there are ( making / which / may be / circumstances / some of these decisions / in ) the best thing to do. But in many situations, and for no good reason, people just don’t have the motivation and stamina to finish strong.

⑴　下線部(1)を日本語に訳しなさい。 (5点)

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⑵　(　①　)に入れるのに最も適切なものを選び，記号で答えなさい。 (3点)

ア　starting　　イ　doing　　ウ　continuing　　エ　finishing (　　　)

⑶　下線部(2)の理由は何だと筆者は述べているか。日本語で説明しなさい。 (5点)

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⑷　下線部(3)が「これらの決断を下すことが最善の行動である場合もある」という意味になるように(　　)内の語句を並べかえなさい。 （4点）

there are

　　　　　　　　　　　　 the best thing to do

⑸　現在，社会にどのような人たちが増えていると筆者は感じているか。本文から英語で２つ抜き出しなさい。 (完答4点)

　　　　　　　　,

⑹　本文の内容と一致するものには〇を，一致しないものには×をつけなさい。 （3点×2）

　Stephen gave a speech to thank his coaches at the graduation ceremony.

(　　　)

　Working hard was one of the lessons Stephen learned through sports.

(　　　)