

## I 次の英文を読み、設問に答えなさい。

Before this time, there were not many people in ①the town or the area around it. But things changed one day in January 1848. At Sutter's \*Mill, a place 190 kilometers to the north-east of San Francisco, a worker called James Marshall found ②(a river / interesting / in / something). He worked for a man called John Sutter, so ③he quickly went to ④him and told him about it. What did Marshall find? Soon the two men knew the answer – it was ( ⑤ )!

John Sutter did not want to tell people about the gold. But one important man soon heard about it – this was ⑥Samuel Brannan of the newspaper the *California Star*. He walked quickly through the streets of San Francisco with some gold in a bottle in his hand and said, "Gold! Gold! Gold on the American River!"

Of course, the people of the town all left at once and went to look for the gold. So San Francisco became very quiet, with nobody on the streets. But then newspapers around the world wrote about the story. They talked about 'mountains of gold' in California and the famous Californian 'gold \*rush' began!

In the Gold rush people came in their thousands to California. They all wanted the same thing – to find gold and to find it quickly. ⑦Around 40,000 people came across the United States, often ( ⑧ ) foot. \*Thousands of travellers arrived by ship from Europe, China, and Australia too. They were called ⑨the Forty-niners – because many of them came to California in 1849.

A lot of these visitors stayed in San Francisco before and after their \*journey north to \*the gold areas. \*The number of people in the town suddenly ⑩went from 1000 in 1848 to 25000 in 1850! \*Hundreds of new hotels, restaurants, and ⑪places to drink opened and the town became a wild place.

\*Mill 製粉場 \*rush 人が殺到すること \*Thousands of ~ 何千もの~ \*journey 旅 \*the gold area 金が発見された場所 \*The number of ~ ~の数 \*Hundreds of ~ 何百もの~・たくさん

1. 下線部① the town とはどこのことか文中の語で答えなさい。
2. カッコ②の語(句)を意味の通るように並べ替えなさい。
3. 下線部③及び④はそれぞれ誰を指しているか、文中の人名で答えなさい。(そのまま抜き出せば良い)
4. カッコ⑤及び⑧に入るべき語を答えなさい。
5. 下線部⑥ Samuel Brannan の職業は何であると推定できるか日本語で答えなさい。
6. 下線部⑦、⑩、⑪をそれぞれ日本語に直しなさい。
7. 下線部⑨ the Forty-niners とはどのような人たちのことを言うのか、本文にそって日本語で答えなさい。

## II 次の英文の( )に適切な語をア~ウから選び、記号で書きなさい。

1. Nancy is not as ( ) as her father.  
ア. tall イ. taller ウ. tallest
2. Which do you like better, Tokyo ( ) Osaka?  
ア. and イ. but ウ. or
3. "( ) you come with us?" "No, I won't."  
ア. Have イ. May ウ. Will
4. He has ( ) to New York.  
ア. played イ. gone ウ. done
5. ( ) in the river is dangerous.  
ア. Swam イ. Swim ウ. Swimming
6. English is ( ) in Canada.  
ア. speaks イ. spoke ウ. spoken
7. Look at the mountain ( ) with snow.  
ア. cover イ. covered ウ. covers
8. The man ( ) works here is Mr. Brown.  
ア. who イ. which ウ. whose

Ⅲ 次の各組のCとDの関係がAとBの関係と同じになるように、Dに適する語を入れなさい。

A	B	C	D
1. apple	apples	fish	( )
2. tall	taller	much	( )
3. see	saw	become	( )
4. I	myself	she	( )
5. lady	gentleman	aunt	( )
6. go	gone	put	( )
7. climb	climbed	study	( )
8. buy	buying	come	( )
9. book	books	dish	( )
10. busy	busiest	happy	( )

Ⅳ AとBの会話で、( )に入る最も適切な語句を1つ選び記号で答えなさい。

1.  
A: Hello. This is LL Company.  
B: Hello. My name is Taro Yamada. ( ) I speak to Mr. Jones?  
A: I'm sorry. He's out of the office.  
ア. Do イ. Will ウ. May エ. Must
2.  
A: Excuse me. ( ) you give me a few minutes?  
What do you think about these plans ?  
B: Let's see... I like plan A.  
ア. Have イ. Could ウ. Should エ. Shall
3.  
A: ( ) are they doing now?  
B: They are still talking about the same thing.  
A: Oh, no. Then things are not going well.  
ア. What イ. Which ウ. When エ. Who
4.  
A: Oh, it's already eight. I'm very hungry.  
B: Me, too. ( ) have a short break and eat out, shall we?  
A: Sounds good.  
ア. Do we イ. Do you ウ. Will you エ. Let's

Ⅴ 日本文に合うように( )内の語を並べかえなさい。解答欄には全文を書きなさい。

1. 私は弘と言う名前の友人がいる。  
I ( name / friend / have / a / whose / is / Hiroshi ).
2. これは私が読んだ中で一番おもしろい小説だ。  
This is ( I / have / the / ever / novel / most interesting ) read.
3. 彼はまもなく歩けるようになるだろう。  
He ( will / able / be / to / walk ) soon.
4. 私は東京に10年間住んでいる。  
I ( Tokyo / have / in / lived / for ) ten years.
5. この車はあの車より高い。  
This car ( more / is / than / that / expensive ) one.

Ⅵ 対話中の ( ① ) ~ ( ④ ) に入る適切な文を下のア~エから選び、記号で答えなさい。

1. A: ( ① )  
B: I've been here for six days now. I'm going home tomorrow. How long have you been here?  
A: Just three days. Have you enjoyed your stay?  
B: Of course.  
ア. Have you been busy these days?  
イ. How long have you stayed at this hotel?  
ウ. How many years has it been since she left?  
エ. How many hours have you slept?
2. A: You are so busy, Jane.  
B: Yes. ( ② )  
A: That's too bad. I'll be able to help you tomorrow.  
B: Really? Thank you so much.  
ア. I have to eat lunch.  
イ. You must not wear jeans in the office.  
ウ. I have to finish this report by the end of the week.  
エ. It'll be fine tomorrow.
3. A: ( ③ )  
B: Sure. But it's not so cold today. You have a cold, don't you?  
A: Maybe. I \*was caught in a shower yesterday on my way home.  
\*was caught in a shower 夕立にあった  
ア. Will you try my chocolate cake?  
イ. Will you close the window?  
ウ. Will you meet me next Monday?  
エ. Will you lend me these magazines?
4. A: When can I see you again?  
B: How about this Saturday afternoon? All right. ( ④ )  
A: How about the park? We could have a picnic by the river.  
B: Excellent idea!  
ア. Where can we meet?  
イ. Who can come with me?  
ウ. Which day can you join us?  
エ. Can I ask you some questions?

Ⅶ 日本語に合うように ( ) 内に入るべき語を下から選びなさい。

1. 彼はふつう7時に起きます。  
He usually gets ( ) at seven.
2. 私は毎日犬の世話をします。  
I take care ( ) my dog every day.
3. 私は昨日、自転車で学校へ行った。  
I went to school ( ) bicycle yesterday.
4. 彼は駅で彼女を待ちました。  
He waited ( ) her at the station.
5. たくさんの人が私の家の前にいます。  
There are many people ( ) front of my house.

of / for / in / by / up

Ⅷ 最も強く発音する部分を選び、記号で答えなさい。

1. cof-fee                      2. sur-prise                      3. ho-tel  
   ア イ                                      ア イ                                      ア イ
4. mu-se-um                      5. choc-o-late  
   ア イ ウ                                      ア イ ウ

1 次の計算をしなさい。

(1)  $(99+1)(101-1)$

(2)  $- \{ -(-6) - 3 \}^2$

(3)  $\frac{1}{2} \times \frac{3}{2} + \left( -\frac{1}{3} \right) \div \frac{1}{4}$

(4)  $(\sqrt{3} + \sqrt{5})(-\sqrt{3} + \sqrt{5})$

(5)  $\left( \frac{3}{2} \right)^2 \times \left( -\frac{4}{3} \right) \div \frac{3^2}{8} - 1$

2 次の方程式を解きなさい。

(1)  $5x - 17 = -x + 1$

(2)  $\begin{cases} 2x - y = -1 \\ x - 4y = 3 \end{cases}$

(3)  $x^2 = x - \frac{1}{4}$

(4)  $(x+3)^2 = 2x+6$

3 次の計算をしなさい。

(1)  $(-12x+9) \div (-3)$

(2)  $3(2x-3) + 2(x-4)$

(3)  $\frac{x-1}{2} + \frac{x+2}{3}$

(4)  $(x+1)(x+2) + (x+3)(x+4)$

4 次の式を因数分解しなさい。

(1)  $mx + my + m$

(2)  $4x^2 - 25y^2$

(3)  $x^2 - 3x - 10$

(4)  $x^2(x+y) - (x+y)$

5 次の問いに答えなさい。

(1) 内角の和が  $1080^\circ$  であるとき正何角形か求めなさい。

(2) 大小 2 つのサイコロを同時に投げるとき 2 つのサイコロの目の和が 6 になるのは何通りあるか求めなさい。

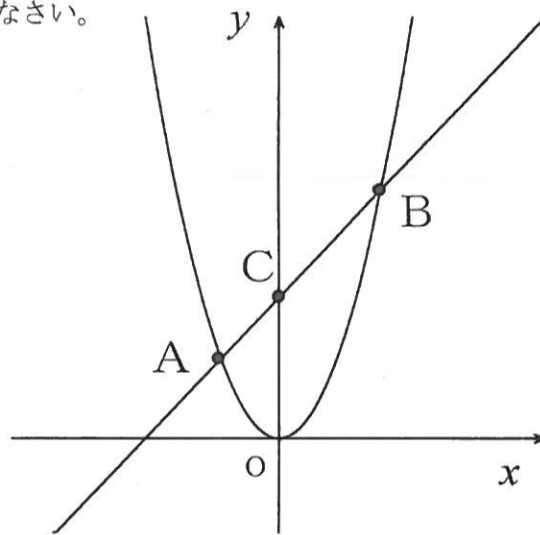
(3) 5% の食塩水 200 g と、2% の食塩水 400 g を混ぜる。何% の食塩水ができるか求めなさい。

(4) 現在、父は 45 歳、子供は 13 歳である。父の年齢が子供の年齢の 3 倍になるのは今から何年後になるか求めなさい。

6 下の図において、放物線と直線が点  $A(-2, 1)$  と点  $B$  で交わっている。点  $C(0, 2)$  のとき次の問いに答えなさい。

(1) 放物線の式を求めなさい。

(2) 点  $B$  の座標を求めなさい。



7 下の図において、一辺が 4 cm の立方体で辺  $EF$  の中点を  $I$  とし、辺  $EH$  の中点を  $J$  としたとき次の問いに答えよ。

(1) 切り取った断面積  $BDJI$  の面積を求めなさい。

(2) 切り取った体積  $ABD-EIJ$  を求めなさい。

