

- I 次の会話を読み、設問（１）～（５）の答えとして最も適切なものを、下記の中からそれぞれ１つ選び、その番号をマークせよ。（配点 30）

At a hotel front desk

- Clerk: Good afternoon, sir. How can I help you?
- Tatsuro: I'd like to check in, please.
- Clerk: Certainly, sir. Could I have your last name, please?
- Tatsuro: Yes, it's Kobayashi.
- Clerk: Could you spell that for me, please?
- Tatsuro: It's K-O-B-A-Y-A-S-H-I.
- Clerk: Oh, there are two reservations under the name of Kobayashi. May I have your first name?
- Tatsuro: It's Tatsuro.
- Clerk: Thank you, Mr. Tatsuro Kobayashi. You'll be staying with us for 3 nights until the 25th, right?
- Tatsuro: Yes, that's right.
- Clerk: Could you fill in the registration form, please?
- Tatsuro: Sure.
- Clerk: And could I see your passport, too?
- Tatsuro: Here it is.
- Clerk: Is it okay if I make a photocopy of it?
- Tatsuro: Yes, of course. Go ahead.
- Clerk: Would you like to buy a breakfast coupon?
- Tatsuro: I thought I'd eat outside the hotel, but there doesn't seem to be any restaurants nearby.
- Clerk: Sorry, sir. There aren't any. However, if you buy a breakfast coupon now, it'll be ten percent cheaper than paying for breakfast in the hotel restaurant on the day.
- Tatsuro: Oh, in that case, I'd like to buy a breakfast coupon for each morning.
- Clerk: Would you like to pay for them now, or charge them to your room?
- Tatsuro: Could you charge them to my room, please? I only have a few euros with me now.
- Clerk: If you'd like to change some money, we have exchange facilities right here.
- Tatsuro: Thank you, but I'm okay.
- Clerk: Very well, sir. You'll be staying in room 605 on the sixth floor. Here is your key. Enjoy your stay.
- Tatsuro: Thank you, I will.

[A little later, the phone rings.]

Clerk: Hello, front desk, how can I help you?

Tatsuro: Hello, this is Mr. Kobayashi in room 605.

Clerk: Good afternoon, sir. How can I help you?

Tatsuro: Well, it's very hot in this room, and I can't get the air conditioner to work.

Clerk: The air conditioner controls are above the bedside light built into the wall.

Tatsuro: Yes, I've found the controls, but I don't know how to turn them on.

Clerk: You first need to press the yellow button on the top right.

Tatsuro: Yes, I've done that.

Clerk: Then you need to select cooling operation by pressing the top left button until it shows a snowflake symbol.

Tatsuro: OK, thanks. It seems to be working now. Oh, one more thing.

Clerk: Yes, sir.

Tatsuro: Where can I get some ice?

Clerk: There're ice servers on every floor, next to the elevator.

Tatsuro: I see. Thank you for your help.

Clerk: Certainly, sir. Enjoy your stay.

(1) What is the date today?

① It is the 25th.

② It is the 24th.

③ It is the 23rd.

④ It is the 22nd.

(2) Why has Tatsuro decided to buy breakfast coupons? Choose two correct answers from the options below. Answering order is free.

① Because he does not like eating out.

② Because he will get a discount.

③ Because there are no local restaurants nearby.

④ Because the hotel clerk ordered him to.

⑤ Because the hotel restaurant is inconvenient.

⑥ Because he has a lot of work to do.

(3) Where can the guests change money?

① In the restaurant

② On each floor

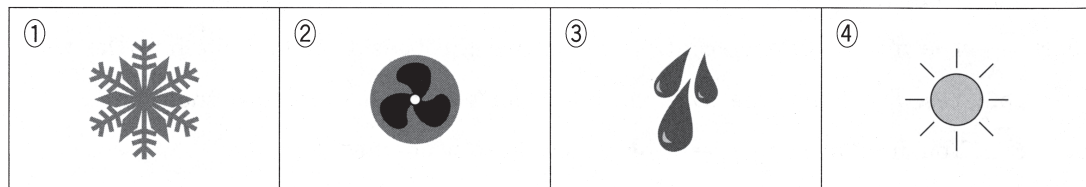
③ In his room charge

④ At the front desk

(4) What is the yellow button on the air conditioner for? 5

- ① For selecting functions ② For adjusting the temperature
③ For activating the timer ④ For turning on the power

(5) Which symbol on the air conditioner should Tatsuro select? 6



Ⅱ

次は、ある都市で始まった、バスを基盤とする新たな交通システムの利用案内である。

英文と図表を参照しながら、下記の設問に答えよ。(配点 25)

What is BRT?

Bus Rapid Transit (BRT) is a bus-based mass transit system specially designed for improving the quality of service and lowering the cost of transportation. Our BRT system offers a high-quality and cost-effective transit service including the following features:

- fully dedicated bus lane to avoid traffic congestion
- frequent, high-capacity service that results in passenger waits of less than 10 minutes during peak periods
- pre-paid fare system to minimize boarding delays
- level-boarding to help everyone get on and off with ease
- integrated fare systems, allowing free transfers between routes and to other local buses
- integration with parking facilities, pedestrian and bicycle facilities, taxi services, intercity buses, rail transits and other transportation services

Purchasing Tickets

Buy tickets at stations with our self-service ticket vending machines. For shuttle service and local stop service, just choose a two-hour or all-day pass, buy with cash or credit card, grab and go. Tickets are valid for immediate use and expire after two hours, or at the end of the service day. Two-hour local passes with unlimited transfer cost just a dollar fifty. For seniors (age 65 and older), they cost 75 cents. All-day passes cost three dollars (\$1.50 for seniors). Keep your tickets handy for fare inspections on platforms and buses. For express services, please refer to the fare table below.

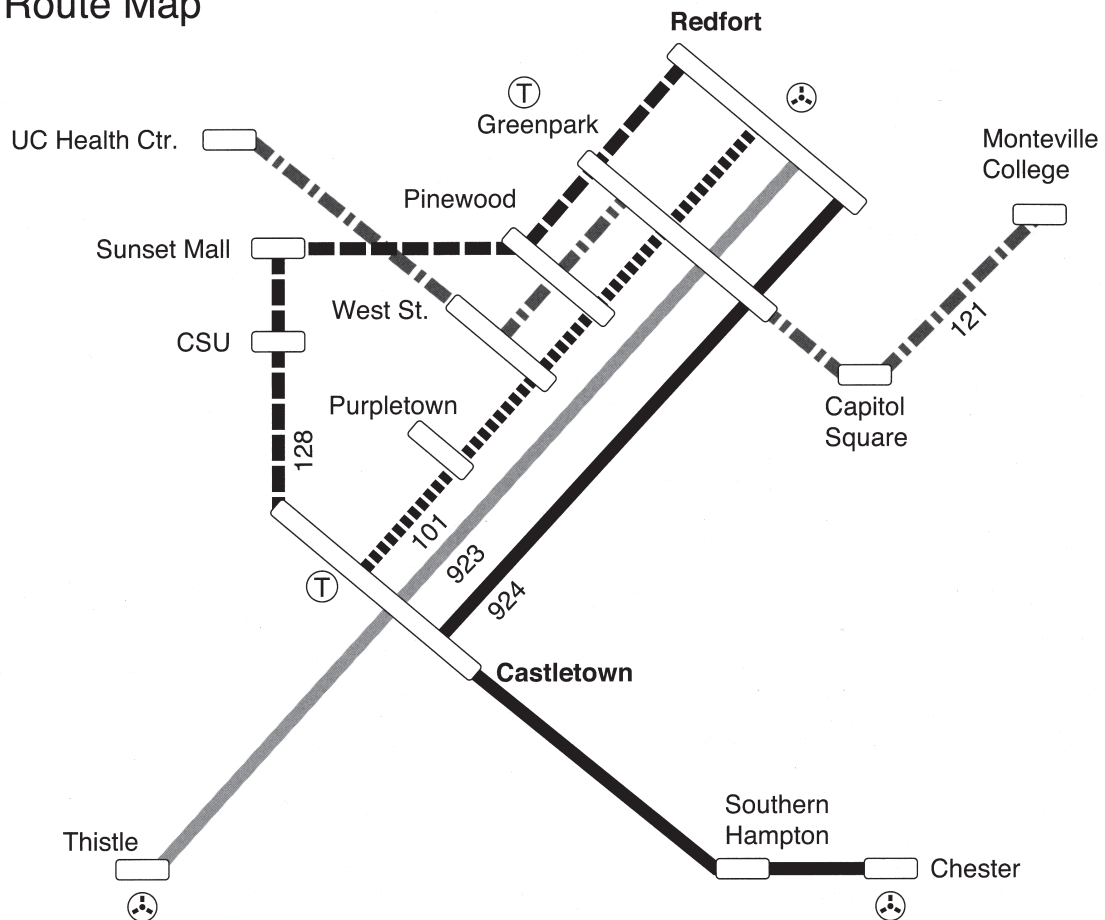
Express Fares

(Senior)

Boarding Station Route/ Destination	Redfort	Castletown
923 Thistle Express		
Thistle	\$3.50 (\$1.75)	\$2.70 (\$1.35)
924 Chester Express		
Southern Hampton	\$3.50 (\$1.75)	\$2.70 (\$1.35)
Chester	\$4.30 (\$2.15)	\$3.50 (\$1.75)

Fastline BRT System

Route Map



Shuttle Service (All <i>Fastline</i> stations between Redfort / Castletown)		
.....	Route 101 : Redfort / Castletown	
Local Stop Service		
- - - - -	Route 121 : Monteville College / Greenpark / UC Health Ctr.	
- . - . -	Route 128 : Redfort / Sunset Mall / Castletown	
Express Service		
—————	Route 923 : Thistle Express	
—————	Route 924 : Chester Express	
 <i>Fastline</i> stations	T Transfer Available	... Rail Connection

(1) 次のうち、本文に述べられている **BRT** システムにあてはまらないものを2つ選び、その番号をマークせよ。ただし、解答の順序は問わない。 7 8

- ① バスは渋滞を避けるためにバス専用レーンを走る。
- ② バスの乗降口にステップ（段）がない。
- ③ 運賃は運転手に直接支払う。
- ④ バスを降りてから自転車を容易に利用できる。
- ⑤ 一日乗車券は購入してから24時間有効である。
- ⑥ 他のバスに無料で乗り換えることができる。

(2) 購入したチケットの取り扱いとして正しいものを次の中から1つ選び、その番号をマークせよ。 9

- ① 降りる際に運転手に手渡す
- ② 検札の際に見せられるように携帯しておく
- ③ 乗り降りの際に機械にかざす
- ④ 不要なので捨ててもよい

(3) 次の場合に運賃はいくらかかるか。正しいものをそれぞれ1つ選び、その番号をマークせよ。

1) 乗客(20歳・男性)が、**Monteville College**で2時間有効のチケットを購入し、121系統のバスに乗り **Greenpark** で128系統に乗り換えて、**Sunset Mall** まで行った場合。

10

- ① \$0.75 ② \$1.50 ③ \$2.70 ④ \$3.00

2) 乗客(70歳・女性)が、**Redfort** から924系統で **Southern Hampton** まで行った場合。

11

- ① \$1.75 ② \$2.15 ③ \$3.50 ④ \$4.30

Ⅲ 次は、英語による算数の文章題である。各文章題の答えとして最も適切なものを、下記の中からそれぞれ1つ選び、その番号をマークせよ。(配点 25)

- (1) A survey showed that two-thirds of people were opposed to the new tax. Half of those were strongly opposed. What fraction of all the people in the survey were strongly opposed? 12

(The Japan Times ST. 14 Jun. 2013)

- ① $\frac{1}{3}$ ② $\frac{2}{3}$ ③ $\frac{2}{5}$ ④ $\frac{3}{5}$

- (2) For a class trip to a museum, 461 students and 20 teachers will be taking buses. Each bus can seat a maximum of 52 persons. What is the least number of buses needed for the trip? 13

(Leff, Lawrence S. Let's Review: Math A. 2nd ed. Copyright © 2007 Barron's Educational Series)

- ① 8 ② 9 ③ 10 ④ 11

- (3) To change from *Fahrenheit (°F) to Celsius (°C), take the temperature in Fahrenheit, and subtract 32. Then, multiply the result by 5. Finally, divide by 9. The number you get will be the temperature in Celsius. Now, the thermometer shows the temperature is 77 degrees in Fahrenheit. What is the temperature in Celsius? 14

注 *Fahrenheit カ氏

(The Japan Times ST. 12 Jul. 2013)

- ① 25 ② 45 ③ 60 ④ 90

- (4) Ms. Rigg plans to build a fence all around her pool. The pool is a rectangle 30 feet long and 20 feet wide. The fence will be 15 feet away from the pool. How many feet of fencing does Ms. Rigg need? 15

(開田精一『あなたの英語力は何年生? 算数編』、講談社、2004年)

- ① 160 ② 220 ③ 300 ④ 615

- (5) There are 462 pupils in Lake Forest Elementary School. The ratio of girls to boys is 5 to 6. How many girls are there? 16

(開田精一『やさしい英語の算数と数学』、南海堂フェニックス、1991年)

- ① 210 ② 252 ③ 277 ④ 385

IV 次の英文を読み，下記の設問に答えよ。(配点 50)

この問題は著作物 2 次利用の関係で問題文の掲載を省略
しています。

問題の出典先 ("Radio Japan Focus: Sports Shoes for
Children." 2014 [radio]. NHK WORLD. 24 Feb. 2014)

V 次の英文を読み、下記の設問に答えよ。(配点 20)

Q:

First, there are just too few opportunities to speak English while in Japan. Second, English and Japanese have ((① as ② in ③ little ④ some ⑤ common ⑥ very)¹⁾ languages, unlike English and German, for example, which are similar in grammar, vocabulary, and writing systems.

Further, English pronunciation places emphasis on consonants while Japanese emphasizes vowels, meaning that Japanese speakers have trouble getting used to the English way of pronouncing words.

Also, since high school and university entrance exams are given top priority, ((① write ② on ③ students ④ scores ⑤ the ⑥ get)²⁾ paper-and-pencil tests are seen as very important.

For that reason, emphasis is put on grammar and reading ability, while listening and pronunciation are given less attention. As a result, there are quite a few people who can read English books ((① almost ② it ③ hear ④ but ⑤ impossible ⑥ find)³⁾ to carry on conversations in English.

(内池久貴、Office Miyako(著)、マイケル・ブレース(訳)『なぜ、日本人は? 答えに詰まる外国人の質問178』、ジャパンブック、2007年)

(1) 下線部 1) ~ 3) を文脈に合うように並べ替える際、不必要なものが1つ含まれている。

その語を1つ選び、その番号をマークせよ。

下線部 1)

下線部 2)

下線部 3)

(2) 本文冒頭の空所に入る文として、最も適切なものを次の中から1つ選び、その番号をマークせよ。

- ① How is Japanese different from English?
- ② How can Japanese people improve their English?
- ③ Why are Japanese not good at English?
- ④ Why are German people good at English?