

令和5年度

実務英語科一般入学試験A 問題用紙

受験番号	
------	--

富山外国語専門学校

I 次の二つの英文中で、(1)～(5)に入る最も適切な単語をそれぞれ選択肢(a)～(d)から選びなさい。

A.

The number of older Japanese who have no close friends is more than double the number in the United States, Germany or Sweden, according to a Japanese government survey.

In the survey conducted by the Cabinet Office, 31.3% of Japanese respondents said they do not have any close friends (1) their families, compared to 14.2% among U.S. respondents, 13.5% among those from Germany and 9.9% among those from Sweden.

The survey, (2) in December to January, (3) 5,000 elderly people in the four countries, including 1,367 respondents in Japan.

The results suggest Japan's elderly people (4) to have few relationships outside the family.

Only 26% of the Japanese respondents communicated via email or phone, the (5) among respondents in the four countries, compared to 59% for the respondents in the United States.

- | | | | |
|------------------|--------------|-------------|---------------|
| 1. a. within | b. from | c. outside | d. into |
| 2. a. considered | b. conducted | c. competed | d. comforted |
| 3. a. covered | b. invited | c. showed | d. summarized |
| 4. a. want | b. hated | c. happen | d. tend |
| 5. a. most | b. few | c. least | d. little |

B.

Eric Carle, the beloved children's book writer and illustrator, died. His most famous book, *The Very Hungry Caterpillar* about a caterpillar that ate different things each day and turned into a butterfly has been translated into at least 66 languages, including Japanese.

It's a reminder of how easily many books for kids (1) the world. Libraries and homes (2) Japan have Japanese-language editions of Italian American illustrator Leo Lionni's *Swimmy*, about the importance of facing challenges together, and Beatrix Potter's stories of Peter Rabbit and his friends in the English countryside.

Some English books don't always (3) well in Japanese: Dr. Seuss's books are great fun in English because of the nonsense rhymes, but they are hard to translate. Still, you can find Japanese versions of some Dr. Seuss classics, like *Horton Hears a Who*.

But the translations have gone the other way, too, with a flood of popular Japanese books for toddlers getting translated into English. These include: the Guri and Gura series of books by Rieko Nakagawa and her sister Yuriko Yamawaki, about two mice who love to cook; *It Might Be an Apple*, a wonderful story by Shinsuke Yoshitake for budding creative types that looks at how you can use imagination to make the world seem exciting; and of course, we can't (4) out Taro Gomi's *Everyone Poops*, a fun book that helps kids with their toilet training.

Reading translations of children's books is a great way to taste different cultures. It's interesting that only 3% of books in the U.S. are translations—it might help explain why so many Americans aren't (5) about the world. Bedtime stories are a first step to understanding, and translated books help little minds learn about other countries.

- | | | | |
|------------------|-------------|-------------|-----------|
| 1. a. enter | b. travel | c. trip | d. spread |
| 2. a. across | b. over | c. through | d. from |
| 3. a. speak | b. function | c. exchange | d. work |
| 4. a. get | b. leave | c. put | d. hold |
| 5. a. impressive | b. general | c. curious | d. clear |

- II 次の英文 A～H を読み、設問に対する適切な答えを選び、解答欄に書きなさい。

A



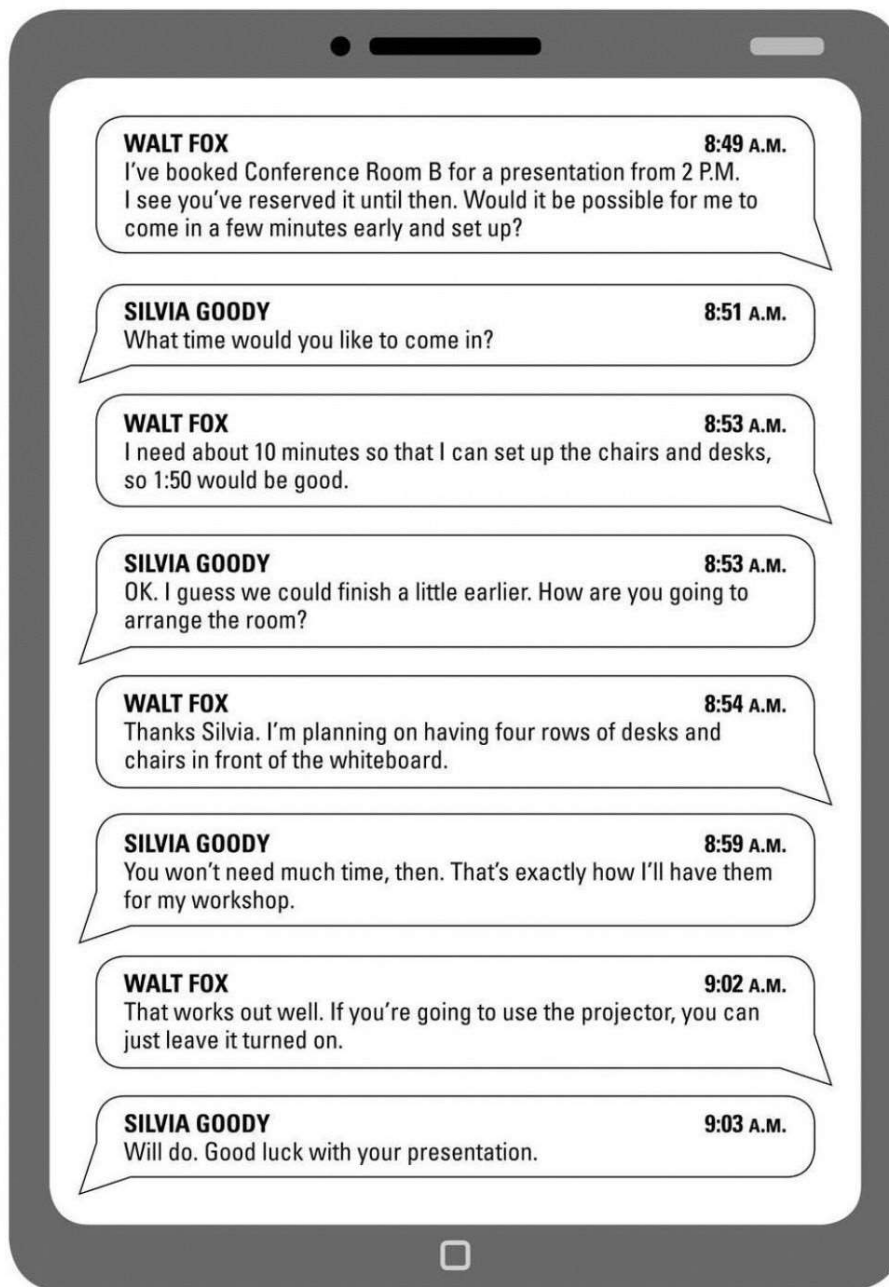
Blue Suede Café



Hours	
Monday-Friday 11:00 A.M. — 10:30 P.M. — Live jazz and lounge performances Friday nights!	
Saturday 10:00 A.M. — 11:30 P.M.	
Sunday 11:00 A.M. — 9:30 P.M.	
Beverages Espresso — \$3.00 Macchiato — \$4.00 Hot tea — \$3.00 All sodas — \$2.30 Sandwiches Cajun turkey with avocado — \$4.50 Pastrami and egg salad — \$4.00 Cheddar, ham, olives, salsa — \$4.30	Lunch (All served with coffee or tea) Chicken Caesar — \$14.00 Smoked chicken atop a delicious fresh Caesar salad Focaccia — \$7.00 Feta and jack cheese, roasted red peppers and fresh basil with chicken roll \$1.00 with corned beef \$0.50 with tomato \$0.75 Portobello Omelet — \$12.00 Spanish style tortilla, sautéed onions, Portobello mushroom

- When will there be live music?
(A) On Mondays
(B) On Fridays
(C) On Saturdays
(D) On Sundays
- What can customers receive with an order of focaccia?
(A) Coffee
(B) Bread
(C) Dessert
(D) Soup

B



3. What does Ms. Goody ask Mr. Fox about his presentation?
- (A) Who will attend
 - (B) Where it will be held
 - (C) How people will be seated
 - (D) What will be on the agenda
4. At 8:59 A.M., what does Ms. Goody mean when she writes, "You won't need much time"?
- (A) Few people will be present.
 - (B) Little preparation will be required.
 - (C) A presentation will be very short.
 - (D) A projector will be easy to set up.

**Silver and Gold
Home Staging**

Jonathon Scott
Wayfair Real Estate
632 Angel Street
Collinwood, TX 75205

Dear Mr. Scott,

As a Las Vegas real estate agent, you may be interested to learn that Silver and Gold Home Staging is now offering its services here. In case you are not familiar with the concept of home staging, allow me to explain.

We provide beautiful, new, color-coordinated furnishings to make houses look their absolute best when potential buyers come to inspect them. We have a huge online catalog of stock for you to choose from, or you may leave the selection and placement to our team of qualified home decorators.

Why don't you contact Val Parker, who's in charge of your area, to set up an appointment? She can be contacted at the following address: vparker@sandghomestaging.com

Sincerely,

Gina Nakayama
Store Manager — Collinwood

5. What is the purpose of the letter?
- (A) To announce a promotion
 - (B) To offer an apology
 - (C) To publicize a service
 - (D) To request some advice
6. What is Mr. Scott asked to do?
- (A) Introduce some staff members
 - (B) View a home for sale
 - (C) Advertise on a Web site
 - (D) Contact a home decorator

D

A journey on the Windsor Express is like taking your hotel with you across the continent. Make your way from the first class sleeping cabin to our luxurious dining car, where we have world-class chefs who create meals comparable with those of top restaurants in major cities. Dine at your table as you watch the scenery go by and plan your visit to the next exciting destination. We make stops at stations in many exciting European cities, including Rome, Vienna, Amsterdam, and Paris. It will be a journey to remember. Mention this advertisement when you make your reservation and get 10 percent off.

7. What kind of business is being advertised?
(A) A travel agent
(B) A train service
(C) A cooking school
(D) An ocean cruise
8. According to the advertisement, how can people get a discount?
(A) By using a coupon from a magazine
(B) By taking part during a certain period
(C) By mentioning the advertisement
(D) By making a group reservation

Rice is So Hot Right Now

By Jane Gold

January 21—Australia is a new market for rice cookers and leading Japanese and Chinese brands are now competing for market domination. In recent years, rice has become more and more popular with Australian families — so much so that many are purchasing rice cookers for their home kitchens. In the past, rice was eaten so rarely that most people just cooked it in a saucepan. The job of cleaning the cookware afterward was probably one of the contributing factors to rice's lack of popularity.

Two brands which are doing particularly well are Wakita and Langsho. At present, the Japanese brand, Wakita's sales are out in front. This is largely because of their reputation for durability. Nevertheless, Langsho's excellent features and attractive design make it a worthy competitor. This week, both Wakita and Langsho will be among the brands giving demonstrations at the Brisbane Cooking Exposition at the Peterson Convention Centre. Admission is free, so why not check them out?

9. Where would the article most likely appear?
 - (A) In an academic journal
 - (B) In a local newspaper
 - (C) In a sales brochure
 - (D) In a textbook
10. What is the Wakita brand known for?
 - (A) Durability
 - (B) Affordability
 - (C) Extra features
 - (D) Attractive design
11. What is indicated about the cooking exposition?
 - (A) It is being held for the first time.
 - (B) Famous chefs will compete in a contest.
 - (C) There is no charge for entry.
 - (D) Cleaning techniques will be demonstrated.

Exciting New TV Game Show Needs Contestants

Nicklemark Media is about to start shooting its latest game show, "The Knockout." It is an amazing new concept that combines challenges of both physical ability and general knowledge to discover the most well-rounded contestant. It is this production company's most ambitious project to date.

We are accepting applications from people interested in appearing on the program. The winner receives a prize of 20 thousand dollars in cash.

People who have participated in game shows which were only televised outside Australia may apply. People who have appeared on previous Australian television game shows may apply unless they reached the final stage of a program broadcast in the last 12 months. No one who has ever held a position with Nicklemark Media will be considered under any circumstances.

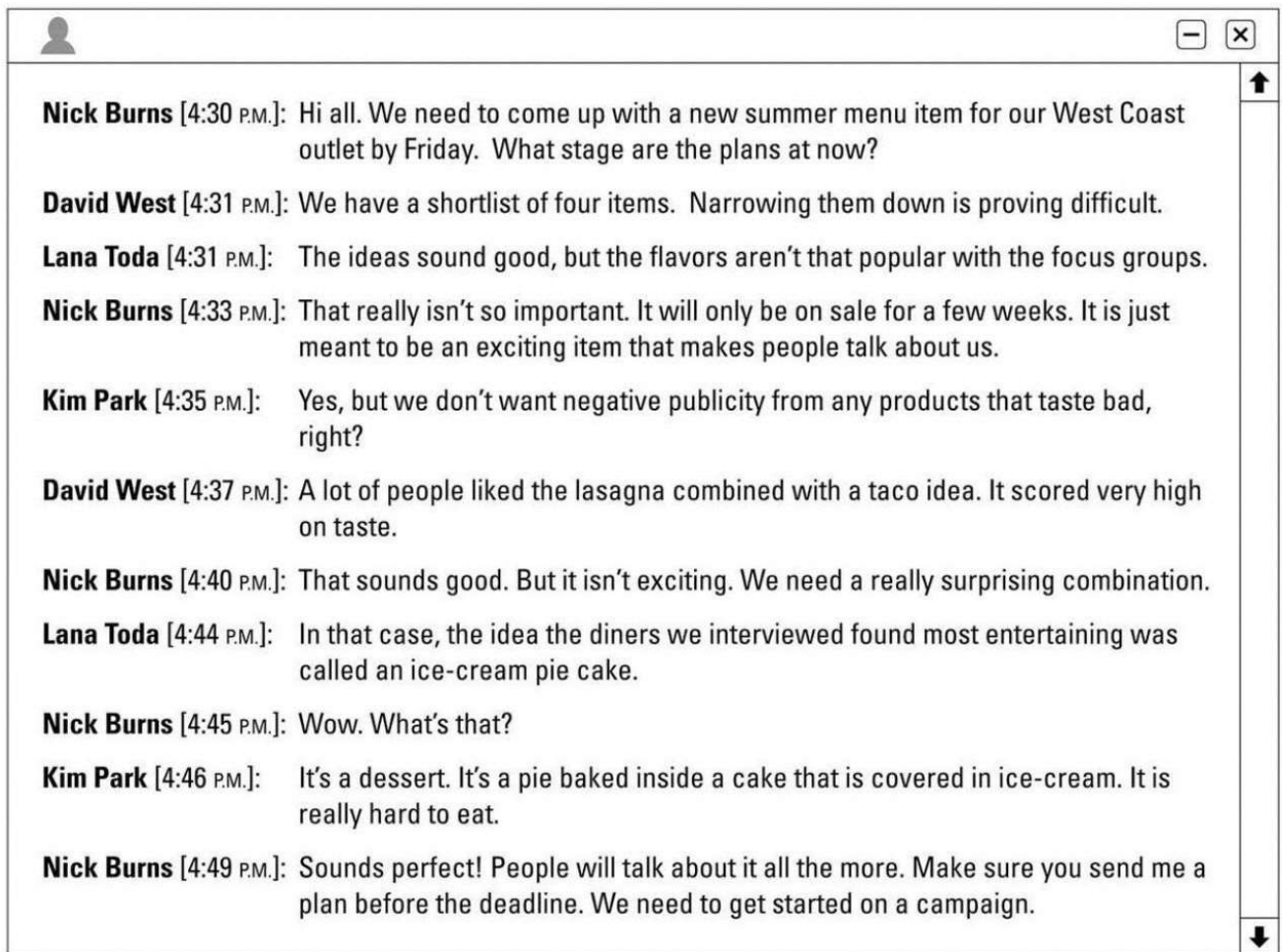
12. What is the purpose of the announcement?
 - (A) To hire filming crew
 - (B) To publicize a trade show
 - (C) To conduct a survey
 - (D) To attract participants
13. What kind of business is Nicklemark Media?
 - (A) An advertising agency
 - (B) A video game publisher
 - (C) A production company
 - (D) A marketing firm
14. According to the announcement, who is not eligible to apply?
 - (A) Finalists in foreign television game shows
 - (B) People who have appeared on Australian television
 - (C) People who applied to Nicklemark Media's shows in the last year
 - (D) Former employees of Nicklemark Media

Twin Pines College Room Reservation Form			
Requested by:	<u>Emmet Lloyd</u>		
Department name:	<u>Business Administration</u>		
Authorized by:	<u>Jennifer Parker</u>		
Application date:	<u>April 6</u>		
Reserved for:	<u>Student use</u>		
Room	Purpose	Date	Time
<u>215</u>	<u>Presentation Planning Meeting</u>	<u>April 10</u>	<u>4:00 P.M. ~ 6:00 P.M.</u>
<u>345</u>	<u>Rehearsal for May 1 Event</u>	<u>April 29</u>	<u>1:00 P.M. ~ 3:00 P.M.</u>
<u>225</u>	<u>Presentation of Survey Findings</u>	<u>May 1</u>	<u>2:00 P.M. ~ 4:00 P.M.</u>

- Rooms are available for approved use by students as well as part-time and full-time faculty members. However, it is necessary to receive approval from a department head before making a reservation.
- It is acceptable to change reservations or swap them with other groups after consulting facilities supervisor, Kelly Pappas.
- The only room with a projector is Room 225. We ask that you refrain from reserving that room unless you specifically need to use that piece of equipment.
- If there are any problems with the facilities, please contact Marty Stoltz, the college technician.

15. Where is the form most likely used?
- (A) At a convention center
 (B) At a department store
 (C) At a business association
 (D) At an educational institution
16. What should people do if they need to alter the reservation?
- (A) Pay a handling fee
 (B) Notify the facilities supervisor
 (C) Make a public announcement
 (D) Resubmit the application
17. What is suggested about the event on May 1?
- (A) It will require the use of a projector.
 (B) It has been rescheduled.
 (C) It will be attended by college officials.
 (D) It is associated with a charity.

H



18. Where most likely will the new product be sold?
- (A) On a flight
 - (B) At a bakery
 - (C) At a supermarket
 - (D) At a restaurant
19. At 4:31 P.M., what does Mr. West mean when he writes, "Narrowing them down is proving difficult"?
- (A) They still need to choose one item from a selection.
 - (B) Some of the products are too wide for the shelves.
 - (C) There are too many ideas to consider all of them.
 - (D) It is hard to make clients reach a decision.
20. According to Mr. Burns, what is the most important consideration?
- (A) Finding an entertaining campaign slogan
 - (B) Inspiring conversations about the company's products
 - (C) Replacing the products' ingredients with healthier alternatives
 - (D) Reducing the cost of less profitable items

令和5年度 実務英語科一般入学試験 A 長文読解問題

次の英文を読み、a bullet train (新幹線)の開発にかかわったエンジニア中津英治が問題解決のヒントにしたことを160～200字の日本語でまとめなさい。

Eiji Nakatsu was an engineer who was working to improve a bullet train in Japan. A bullet train is a train that travels incredibly fast. But Japan's bullet train design had a problem. The Japanese bullet train could travel at 200 miles per hour, but it created too much noise. For example, when it left a tunnel, the train would create a booming noise because it would make direct impact with the air outside the tunnel.

To solve this problem, Nakatsu turned to nature. After all, he was not just an engineer. He was a birdwatcher, too! As a birdwatcher, he had observed kingfisher birds* with fascination. Kingfisher birds must efficiently fly into water to catch food. The kingfisher's beak allows it to enter into the water without feeling a great deal of impact. The kingfisher does not hit the water directly. Instead, it glides through the water, because its beak is shaped in a way that lets water flow past it. Nakatsu also observed owls. The owl fascinated Nakatsu because it is able to travel silently. Owls' feathers have tiny little cuts. These minimize the noise made by an owl's wings while it is flying.

Nakatsu realized that these two birds held the answers for Japan's bullet train problem. Nakatsu saw that the kingfisher birds could travel from air to water effortlessly*, so he decided to mimic their beak shape. The beak shape became the inspiration for the front of the bullet train. In order to minimize the train's noise, Nakatsu decided to replace the pantograph*. This is the device that brings electricity to the train. Nakatsu decided to mimic owl feathers by making small cuts in the pantograph. Because of these changes, the Japanese bullet train is now much quieter and faster than it once was.

*kingfisher birds カワセミ (鳥類)

*effortlessly やすやすと

* pantograph パンタグラフ、集電器

令和5年度

実務英語科一般入学試験B 問題用紙

受験番号	
------	--

富山外国語専門学校

Ⅰ 次の二つの英文中で、(1) ～ (5) に入る最も適切な単語をそれぞれ選択肢 a ～ d から選びなさい。

A.

The work of the (1) British scientist Stephen Hawking and the contents of his office will be preserved in the country, the British government has said.

An agreement was (2) on May 26 by the government, Cambridge University Library and the Science Museum Group. The agreement keeps Hawking's archive of scientific and personal papers at the university library. The contents of his office including his wheelchairs will be kept in the collection of the Science Museum Group.

Hawking shot to international (3) with his 1988 book *A Brief History of Time*, but was (4) famous among scientists for his work on black holes.

He died in March 2018 aged 76 after spending a lifetime probing the origins of the universe.

He had suffered (5) a wasting motor neuron disease from age 21, and spoke using an electronic voice synthesizer.

- | | | | |
|---------------|----------|-----------------|--------------|
| 1. a. former | b. late | c. last | d. early |
| 2. a. carried | b. tied | c. signed | d. connected |
| 3. a. world | b. fame | c. relationship | d. travel |
| 4. a. already | b. still | c. always | d. never |
| 5. a. in | b. by | c. of | d. from |

B.

For thousands of years, human beings have been able to write down words using such things as pens and brushes. But it was only about 500 years ago that the modern method of printing was invented. This method brought together techniques that had existed even earlier. For example, as early as 1041, people in China had used type* made of clay for printing. However, this printing technique did not have much (1) at the time. Probably the main reason was that the large number of characters used in written Chinese made it a difficult and time-consuming process to produce and use the type for printing.

In Europe, by contrast, books were copied by hand until the early 15th century. This took a long time, and only a small number of copies could be produced. A growing demand for education, and thus for more books, meant that many different people were looking for ways to produce books more cheaply. Probably the first person to (2) in doing this was Johannes Gutenberg, a German craftsman who began printing books in the 1450s. Perhaps the most important (3) that Gutenberg made was to develop a cheap way of making metal type of the letters of the alphabet. His new method rapidly spread to other European countries, and the history of modern printing began.

(4) these early books were still quite expensive for people at the time, they were much cheaper than books copied by hand. They were also much more accurate. The rapid spread of printed books beginning from this time had an enormous influence on all aspects of European culture, including science, history, and literature. Indeed, it is (5) to imagine the modern world without printed books.

*type=活字

- | | | | |
|------------------|-----------------|--------------|----------------|
| 1. a. view | b. source | c. risk | d. impact |
| 2. a. recover | b. guess | c. succeed | d. follow |
| 3. a. protection | b. contribution | c. objection | d. explanation |
| 4. a. Unless | b. Although | c. Since | d. Because |
| 5. a. dangerous | b. necessary | c. helpful | d. impossible |

II

次の英文 A～H を読み、設問に対する適切な答えを選び、解答欄に書きなさい。

A

MANDY CHOI	10:50
I'm at the paper merchant. They're running a sale for today only. 35 percent off!	
MANDY CHOI	10:51
Do you want to stock up? We'd save a lot of money.	
JARRAD STALLARD	10:53
It'd be nice, but we don't have much room.	
MANDY CHOI	10:53
So, should I just pick up the agreed amount?	
JARRAD STALLARD	10:54
Hold on. I'll check with the manager.	
JARRAD STALLARD	10:59
She says, double the order. We'll find somewhere to put it all.	
MANDY CHOI	11:02
OK. I'll be back in an hour.	
JARRAD STALLARD	11:03
It'll take me that long to clear some space.	

- What does Ms. Choi suggest?
 - Finding another supplier
 - Taking advantage of an offer
 - Obtaining an estimate
 - Agreeing on delivery terms
- At 10:54, why does Mr. Stallard write, "Hold on"?
 - He wants to check a stock level.
 - He will make room to store some items.
 - He needs time to discuss the matter.
 - He disagrees with a suggestion.

B

CINCINNATI SCIENCE CENTER
ADMIT ONE CHILD \$7 (Half Price)

The Laser Light Show and Solar Power exhibits are closed for cleaning and repairs respectively. As of June 19, the Wind Tunnel has been permanently retired.

The Science Center Web site has information about exhibit availability as well as news about upcoming attractions. www.cohsciencecenter.org

Mon.—Thurs.: 10:00 A.M.—7:00 P.M. **Fri.:** Closed **Sat.—Sun.:** 9:00 A.M.—8:00 P.M.
The Cincinnati Arts Building. 374 Hensley St. • Cincinnati OH 45201 • 632 555 2332

3. Why is the Solar Power exhibit closed?
- (A) It is being relocated.
 - (B) It is being replaced.
 - (C) It is being cleaned.
 - (D) It is being fixed.
4. What is NOT indicated about the Cincinnati Science Center?
- (A) It has increased the number of attractions.
 - (B) Updates are posted on the Web site.
 - (C) Children are admitted at a lower price.
 - (D) It has extended hours on the weekend.

C

E-Mail Message	
From:	Rush Stollco
To:	All Printing Staff
Subject:	Adam O’Rihe
Date:	7 June
<p>Dear All,</p> <p>A recent story in the news about the movie star Adam O’Rihe’s love of Amaze Comics has resulted in a massive boost to sales. He mentioned having seen a live action version of our comic, <i>Clever Joe</i>, on television as a child and said he started buying the comics shortly after. Orders for the original comics are coming in every day, and we’re going to have to triple our current printing volume. We realize that staff are already working extremely hard, meeting quite challenging production targets. So, we would like to avoid scheduling any additional overtime work. To that end, we have decided to hire additional staff. If you know of any suitable people who are looking for work, by all means have them contact Connie Tran in the human resources department.</p> <p>Rush Stollco</p>	

5. What is the purpose of the e-mail?
 - (A) To profile a businessperson
 - (B) To announce a new publication
 - (C) To explain a new procedure
 - (D) To inform employees about a situation
6. How are staff members asked to help?
 - (A) By giving job information to acquaintances
 - (B) By promoting newly developed products
 - (C) By finding more effective work practices
 - (D) By working additional hours

D

  	
Order number: JH323 Customer: Rob Gordon Drop-off date: March 31 Contact details: Tel: (983) 555-8232 Estimated completion by: April 4	Instrument type: Guitar (Hornby Special) Repair requirements: Fix crack on back Job allocated to: Barry Judd
Notes: <i>This instrument is an antique collector's item. The client accepts an additional charge of \$50 for insurance and secure storage. Proof of identity must be viewed at the time of pickup.</i>	

7. According to the document, what happened on March 31?
- (A) A price reduction was granted.
 - (B) A guitar was damaged.
 - (C) An instrument was delivered for repair.
 - (D) A deadline for completion was reached.
8. What is indicated about Barry Judd?
- (A) He wrote the details on the document.
 - (B) He must show some identification.
 - (C) He is a representative of an insurance company.
 - (D) He will carry out the requested work.

Samberg Hamburgers

Breaks

The breaks staff members of Samberg Hamburgers are entitled to depend on the number of hours worked and the worker's position within the company.

— [1] — . Part-time cooks and kitchen hands working three hours or less are entitled to one 10-minute break. — [2] — . Those working for between five and seven hours are entitled to two breaks of 10 and 30 minutes, and people working more than seven hours are entitled to two 10-minute breaks and one 30-minute break.

Please note that staff members are expected to remain on the premises during breaks unless a supervisor has granted special permission. — [3] — . Designated areas for breaks include the staff lounge and the garden area. When you are not on duty, please avoid the customer dining area or the store's front entrance. These rules have been created to maintain the store's image and to ensure staff get the maximum benefit from their breaks. — [4] — .

9. Where would the information most likely be found?
- (A) In a promotional pamphlet
 - (B) In an employee handbook
 - (C) In a job advertisement
 - (D) In an assembly guide
10. What is indicated about Samberg Hamburgers?
- (A) It has an outdoor space.
 - (B) It is open for lunch and dinner.
 - (C) Its maximum shift length is seven hours.
 - (D) Its supervisors are required to submit daily reports.
11. In which of the positions marked [1],[2],[3],and [4] does the following sentence best belong?
- “If you are permitted to leave, you should change out of your uniform and leave via the back entrance.”
- (A) [1]
 - (B) [2]
 - (C) [3]
 - (D) [4]

F

Volare Italian Restaurants
8388 Branson Road, Collingwood BC 78662

July 5

Candice Orta
23 Jameson Drive
Collingwood BC 78214

Dear Ms. Orta:

Thank you for coming in for an interview for a position at the Collingwood Volare Italian Restaurant. During the tour of the restaurant on July 2, I was very impressed with your observations and made up my mind to offer you the position. It seems, however, that I allowed you to leave without exchanging a number of important documents.

If you are still interested in the head chef position, I would like you to start work as soon as possible. I need your food health and safety certificate issued by the Collingwood City Council and your chef's license. I have enclosed with this letter a copy of the employee registration form that I need you to fill out and submit before you can start work.

I will not be back in Collingwood until July 15, so please call my personal assistant, Darcy Baker, if you need any additional information. If we do not hear back from you by July 12, I will be forced to offer the position to one of the other candidates.

Sincerely,

Eric Wallace
Human Resources Manager — Volare Italian Restaurants

12. Why does Mr. Wallance write to Ms. Orta?
- (A) To schedule a second interview
 - (B) To inquire about her schedule
 - (C) To suggest a good restaurant
 - (D) To request additional documents
13. For what position did Ms. Orta apply?
- (A) Head chef
 - (B) Safety inspector
 - (C) Personal assistant
 - (D) Human resources manager
14. What is stated about the restaurant?
- (A) It is hiring staff at its multiple locations.
 - (B) It has been in operation for a long time.
 - (C) It offers a generous employee benefits package.
 - (D) It interviewed several applicants for a position.

E-Mail Message	
From:	Drake Traute
To:	Employees of Carlisle Software
Date:	Friday, June 9
Subject:	Three-day retreat
<p>You should have noticed on the schedule that employees of Carlisle Software attend a three-day retreat every year, where we focus on our goals and get to know each other better. The results appear to be excellent. Our in-house surveys show that we have vastly improved efficiency and employee morale since we started the practice five years ago.</p> <p>The dates have been posted on the schedule since February, and attendance is mandatory. I'd like you all to prepare for the retreat by helping compile a list of discussion topics. People at every level of the company should feel free to mention any topic they are concerned about. All you have to do is send me an e-mail with the subject line, Retreat Topics.</p> <p>—[1]— . You'll have to make your own way to Sunny Bay, so don't forget to submit a reimbursement form by the end of the month. I encourage you all to carpool. —[2]— . Nevertheless, there are various other modes of transportation available including an hourly bus service from Freemont with a stop right in front of the Baywater Palms Resort. —[3]— .</p> <p>Whichever of these means you choose, please be sure to be on time and prepared. —[4]— .</p> <p>Sincerely,</p> <p>Drake Traute</p>	

15. What is one purpose of the e-mail?
- (A) To suggest improvements to a software package
 - (B) To announce the hiring of a new staff member
 - (C) To provide information about an annual event
 - (D) To encourage participation in a volunteer activity
16. How are employees asked to prepare for the event?
- (A) By filling out a survey
 - (B) By updating the schedule
 - (C) By submitting discussion topics
 - (D) By researching product ideas
17. In which of the positions marked [1], [2],[3], and [4] does the following sentence best belong?
- “There is even a ferry which can take you across the bay from just near our parking lot.”
- (A) [1]
 - (B) [2]
 - (C) [3]
 - (D) [4]

McQueen Bros

Best in the Tri-State Area!

Home	Testimonials	The Workshop	Past Projects
<p>McQueen Bros has been in the classic and vintage car restoration business for more than 40 years. We have a highly trained team of mechanics and upholsterers who can return virtually any vehicle to its former glory, no matter how neglected it has become.</p> <p>Last year we were recognized with a trophy from the Connecticut Better Business Bureau for our lasting success and our high customer satisfaction rating. This achievement can be attributed to our incredibly high standards and excellent staff training. Our professional restorers understand the need for authenticity and affordability and strive to achieve a perfect balance of both. We can pick up vehicles anywhere in the tri-state area and as far afield as Rhode Island although additional fees may apply depending on distance.</p> <p>We are especially well known for our thoroughness when it comes to refinishing interiors. We source original fabrics and cushioning from trusted suppliers to ensure your treasured vehicle really does look like new.</p> <p>To encourage the restoration of particularly old vehicles, we offer reduced rates on labor for pre-antique cars. Such cars are defined in the industry as being over 50 years old.</p> <p>We are happy to help by carrying out an entire project or a specific job so give us a call at 555 2933 to arrange a free price estimate.</p>			

18. How does McQueen Bros serve its clients?
- (A) By offering inner city parking
 - (B) By restoring classic vehicles
 - (C) By providing training courses
 - (D) By hosting gatherings of enthusiasts
19. What is NOT indicated about McQueen Bros?
- (A) It has won an award.
 - (B) It operates a pick-up service.
 - (C) It invites experts to train sales staff.
 - (D) It posts endorsements from customers online.
20. According to the Web page, who is eligible for a discount?
- (A) Officials of the Connecticut Better Business Bureau
 - (B) Participants in the membership program
 - (C) Owners of cars older than 50 years
 - (D) Residents of Rhode Island

令和 5 年度 実務英語科一般入学試験 B 長文読解問題

次の英文を読み、チンパンジーと人間の脳の違いを比較しながら 160～200 字の日本語で要約せよ。

In old age, the human shrinks in overall size by 10 to 15 percent. In chimpanzees of equivalent age, the new study finds, no shrinkage occurs whatsoever. The findings suggest that the human life span isn't just an extended version of the life span of other mammals, said Chest Sherwood, a researcher at George Washington University. Instead, humans seem to experience old age in a unique way.

“The greatest point of deterioration*¹ that we found is in that part of the human life span which is beyond the life span of wild chimpanzees,” Sherwood commented. “We think that the effect we have observed is the price of an increased life span.” According to Sherwood, the findings could explain why humans are uniquely vulnerable*² to Alzheimer's and the other age-related brain diseases.

Sherwood and his colleagues compared magnetic resonance imaging (MRI)*³ scans of the brain of 87 humans, ages 28 to 88, with MRI scans of 69 chimpanzees from a research center in Atlanta. The chimps ranged from 10 to 45 years old. The researchers also examined the brains of deceased chimps as old as 51.

Focusing on the regions of the human brain most likely to shrink, the researchers found the expected loss of brain size with age in human volunteers. But the chimps' brains did not show any size change at all.

That's not to say that chimps' brains don't change with age, other studies show subtle structural changes in animals as they get older, but the direct comparison makes it clear that “whatever is going on is certainly more extreme in humans,” Sherwood said.

Sherwood suspects that as natural selection began to favor the large human brain, humans had to deal with the resultant*⁴ problems, including relatively helpless infants and an extended childhood as that brain develops. In most mammals, females die once they can't reproduce anymore. But human women can expect to live 40 years past the age when they can bear children. This long life span may have evolved so that grandparents could help their own children with childrearing, thus ensuring that their grandchildren would survive to spread their genes. Humans have a longer life span than chimps and get to have grandma and grandpa around as nannies, but we pay the cost in reduced brain size.

注：*1 deterioration = 劣化、悪化

*2 vulnerable = 弱くて、攻撃されやすい

*3 MRI = 核磁気共鳴画像法

*4 resultant = 結果として起こる