

令和4年度・個別学力検査

英 語 (中)

注 意 事 項

1. 試験開始の合図があるまで、この問題冊子を開いてはいけません。
2. この冊子は18ページあります。
3. 試験開始後、落丁・乱丁・印刷不鮮明の箇所があれば申し出なさい。
4. 試験開始後、すべての解答用紙に氏名(カタカナ)及び受験番号を記入しなさい。
受験番号が正しく記入されていない場合は、採点できないことがあります。また、氏名(カタカナ)及び受験番号以外の文字、数字などは、絶対に記入してはいけません。
5. 解答はすべて解答用紙に、それぞれの問題の指示にしたがって記入しなさい。
6. この冊子のどのページも切り離してはいけません。ただし、余白等は適宜利用してかまいません。
7. 試験終了後、問題冊子は持ち帰りなさい。

令和4年度個別学力検査 中期日程

薬学部
英 語 問 題

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**許可なしに転載、複製
することを禁じます。**

問題補足・訂正

科目名：英語（中期）

<補足>

5 ページ 設問1

問題文中のローマ数字(I)～(VI)は、解答用紙に記入する必要はない。解答用紙には英文のみ記入すること。

<訂正>

10 ページ 下から 1 行目

(誤) 出典： Chemical and Engineering News, 2 April 2, 2021 …

(正) 出典： Chemical & Engineering News, April 2, 2021 …

<訂正>

13 ページ 下から 3 行目

(誤) Professor; How about in a couple days.

(正) Professor; How about in a couple days?

問題 1 次の英語の文章を読み、下記の設問に答えなさい。なお、文章中の(A)～(F)は一つの文章のなかでの文意の区切りを示している。また、*のついている語(句)については、文末の(注)を参照しなさい。

(A)

著作権の関係上、掲載していません。

(B)

(C)

(D)

(E)

(F)

出典：NATIONAL HISTORY MUSEUM (nhm.ac.uk)より抜粋，一部改変

(注)

collision：衝突	debris：破片
junk：がらくた	fleck：小片
disastrous：災害の	geostationary orbit：地球静止軌道上
collide：衝突する	harpoon：錨(もり)
NASA：米国航空宇宙局	variant：変形
mitigate：軽減する	

設問 1 本文中の(A)から(F)の各ブロックの内容に適したタイトルを疑問文の形で作成しなさい。作成にあたっては下記の語群(I)から(VI)で示した括弧内の単語を1回ずつ用いること。なお，(I)から(VI)の順は(A)から(F)の順とは関係ない。

- (I) (there / space / is / much / junk / how)?
- (II) (the / space / will / problem / in / junk / a / future / be)?
- (III) (junk / clean / can / space / how / we / up)?
- (IV) (into / does / get / junk / space / space / how)?
- (V) (risks / space / what / pose / does / junk)?
- (VI) (is / what / junk / space)?

設問 2 下線部(ア)を日本語に訳しなさい。

設問 3 下線部(ウ)に記述されている‘mega constellations’とは何か日本語で説明しなさい。

設問 4 文中の(イ), (エ)の箇所に入る最も適切な文を下記の単語を使用して作成しなさい(同じ単語は2回以上, 使用しない)。

(イ) it / to / be / ever / taken / should / avoid / happening / steps

(エ) satellites / have / it / to / to / is / unusual / active / avoid

設問 5 文中の(1)から(7)に入る最も適切な語(句)を選択しなさい。

(1) even, above, once, still

(2) After, As long as, Due to, In

(3) If, Because, Since, While

(4) altitudes, area, elevation, span

(5) dropping, incoming, reaching, progressing

(6) come up with, gone against, nothing to do with, wondered

(7) deny, interfere, relate to, result in

設問 6 下の各文の内容が本文の内容と一致しているものには○を, 違っているものには×を書きなさい。

(1) Because of the vast amount of space junk created by collisions, scientists cannot use the Earth's orbit for research anymore.

(2) Currently, the greatest threat of space junk is that it could collide with rockets launched to explore space.

(3) To maintain the sustainable use of Earth's orbit, companies are supposed to remove satellites no longer in use within two and a half decades.

(4) One theory is that eventually large pieces of space junk will keep colliding until they are broken into small enough pieces that they are no longer hazardous.

(5) New types of internet and communications satellites will increase the risk of satellite collisions in the future.

設問 7 Using English within 50 words, propose **your own idea** (not one mentioned in the text) about how to reduce the amount of space junk orbiting Earth.

問題 2 次の英文を読み，下記の設問に答えなさい。なお，*のついている語(句)については，文末の(注)を参照しなさい。

著作権の関係上、掲載していません。

出典：Chemical and Engineering News, 2 April 2, 2021 より抜粋，一部改変

(注)

yummy : おいしい	chewy : 歯応えのある
confection : 菓子	ingredient : 材料
texture : 食感	gelatin : ゼラチン
scaffolding : 足場	stretchy : 伸縮性のある
goopy : 甘くてベタベタする	collagen : コラーゲン
connective : 結合の	helix, helices : らせん
bioinorganic chemist : 生物無機化学者	unravel : ほどく
strand : 成分, 鎖	wind : 巻く
floppy : 柔らかい	bendy : 柔軟な
elasticity : 弾力	bouncy : 弾力性のある
gummy : グミ	fluffiness : 軽い柔らかさ
sweetener : 甘味料	disaccharide : 二糖類
crystallize : 結晶化する	saccharide : 糖類
brittle : もろい	Peeps : マシュマロひよこ (商品名)
chicks : ひよこ	Just Born : (米国菓子メーカー名)
jousting : 馬上槍試合	microwave : 電子レンジ (にかける)
toothpick : 爪楊枝	inflate : 膨張する
stab : 刺す	introductory : 入門の

設問 1 下線部(a)に入る節を, []内の単語を並べ替えて完成させなさい。

設問 2 下線部(b)を日本語に訳しなさい。

設問 3 下線部(c)の理由について, 25 字以内(句読点を含む)の日本語で説明しなさい。

設問 4 下線部(d)を英訳しなさい。

設問 5 下線部 Peeps jousting_(e) のルールについて、60 字以内(句読点を含む)の日本語で説明しなさい。

設問 6 次の英文で、本文の内容に合致するものを全て選び、(ア)~(オ)の記号で答えなさい。ただし、合致するものがないときは、「なし」と答えなさい。

- (ア) When the heated and expanded marshmallow cools, it becomes liquid.
- (イ) Gelatin in a marshmallow never has a triple helix structure.
- (ウ) The type of corn syrup affects the texture of a marshmallow.
- (エ) The concentration of gelatin in a marshmallow is lower than that of a gummy bear.
- (オ) Sucrose is the major component of corn syrup.

問題 3

次の各設問に答えなさい。

設問 1 教授と留学生との会話で①～⑬のカッコに入る単語(各1個)を下記の語群から最も適切なものを選び、解答欄に書きなさい。なお、同じ単語を2回以上使用してはならない。

about, for, how, if, like, look, may, meet, mind, no,
see, want, what, when, with, wonder, would, yes

Student; Excuse me, Professor. (①) I introduce myself?

Professor; (②), sure.

Student; I am Taro Yamada.

Professor; I am sorry, but could you tell me your name once again?

Student; Taro Yamada.

Professor; Do you (③) (④) I call you by your first name?

Student; (⑤), I don't.

Professor; Are you an undergraduate or graduate student?

Student; I am an undergraduate student in my senior year.

Professor; (⑥) is your major?

Student; My major is pharmaceutical sciences. Actually, I would
(⑦) to talk with you (⑧) my research.

(Discussion)

Student; Thank you very much for the discussion today. I learned a
lot! I (⑨) (⑩) we can (⑪) again.

Professor; How about in a couple days.

Student; I (⑫) forward to it. Thank you very much.

Professor; Good luck (⑬) your work.

設問 2 次の英文 a. から e. の意味が通る様に空欄にそれぞれ最も適当な語を下の(1)~(14)から1つ選び、番号で答えなさい。なお、同じ単語を2回以上使用してはならない。

- a. I can't live () a salary of 150,000 yen a month.
b. A siren suddenly went (), indicating to prepare for severe weather.
c. He's always late for meetings. I cannot stand () his behavior anymore.
d. Her research is famous () scientists.
e. I have to prepare my proposal for a new research project () 5 pm today.

- (1) along (2) among (3) away (4) by
(5) down (6) for (7) in (8) of
(9) off (10) on (11) over (12) through
(13) under (14) upon

設問 3 次のAからIの英文のカッコ内に入れる最も適切な語句を1. ~ 4. のうちから一つ選び、番号で答えなさい。

- A. Usually I go () with my wife on Sunday afternoon.
1. to hike
2. hiking
3. for hike
4. for hiking

B. () yesterday's newspaper, the remains of a 3,000 year-old human habitat has been found at an archaeological site.

1. In regard to
2. In spite of
3. According to
4. Despite of

C. I () go to the stadium to support my favorite team, but I cannot anymore because my new job is so busy.

1. was used to
2. used to
3. accustomed to
4. was accustomed to

D. What is the () a shark and a dolphin? I cannot distinguish those creatures.

1. explanation for
2. similarity of
3. category of
4. difference between

E. The new drug differs from old one, () it shows less side effect.

1. at which
2. by that
3. in that
4. with which

F. After I took the medicine, I realized that my stomach pain ().

1. had been disappearing
2. were disappearing
3. was disappeared
4. had disappeared

G. I should leave home by at least 8:40 to get to the hospital ().

1. for a while
2. on time
3. by the time
4. at the moment

H. I forgot how to take this medicine. I'd like to speak to the pharmacist ().

1. on duty
2. to account for
3. in use
4. working for

I. I usually () the commuting time by reading science magazines.

1. take advantage of
2. prepare for
3. put up with
4. make up with

設問 4 Read the following sentences and answer the questions in English.

Three employees named Susan, Simon, and Sal all started a new job at the same pharmaceutical company one year ago. They were each assigned to different positions in the company, as secretary, researcher, and marketing manager. As they talked over dinner one night, they reflected back on their first-year experiences. They had many achievements, but each person also learned a valuable lesson from a major mistake they each made. The mistakes included missing an important deadline, losing some important data, and misunderstanding their superior's instructions.

Based on the two statements below, determine what each employee's position was and which mistake they made this year.

1. Simon felt proud he had never put off any of his work until the last minute, and was astonished when he heard that the person in charge of product promotion hadn't gotten fired by their boss.
2. Susan thought that the secretary had been quite irresponsible, but admired the marketing manager when he admitted that it is always better to verify how to do something rather than trying to figure it out yourself.

	Susan	Simon	Sal
Secretary			
Researcher			
Marketing Manager			
Missed an important deadline			
Lost some important data			
Misunderstood their superior's instructions			

Questions:

1. What was Simon's role at the company?
2. Which person must have found out the importance of always keeping a backup of their records?
3. What did Susan do wrong this year?