





## 英 語 問 題

はじめに、これを読みなさい。

1. この問題用紙は9ページある。ただし、ページ番号のない白紙はページ数に含まない。
2. 解答用紙に印刷されている受験番号が正しいかどうか、受験票と照合して確認すること。
3. 監督者の指示にしたがい、解答用紙の氏名欄に氏名を記入すること。
4. 解答はすべて解答用紙の解答欄に記入しなさい。この問題の解答欄は、表面の解答番号1から解答番号28までと、裏面の解答番号101から解答番号105までである。
5. 問題に指定された数よりも多くマークしないこと。
6. 解答は、必ず鉛筆又はシャープペンシル(いずれもHB・黒)で記入しなさい。
7. 訂正は、消しゴムできれいに消し、消しくずを残さないこと。
8. 解答用紙は、絶対に汚したり折り曲げたりしないこと。
9. 解答用紙は持ち帰らず、必ず提出しなさい。
10. この問題用紙は必ず持ち帰りなさい。
11. マーク記入例

良い例	悪い例
	  





[ I ] 次の英文を読んで、下の間に答えなさい。

(注1) (注2)  
Metrology forms the cornerstone of our civilization. Just try to conceive a civilization devoid of measurement. Imagine our buildings, bridges, factories, (1) railroads, machinery, tools or anything else made without the use of some standards. Obviously, it would be impossible.

Most people think of measuring as the application of a foot rule or a yard stick to the thing to be measured. The term, however, is much more general than that. To measure means to *compare with some fixed standard*; and if you do this, you are measuring. While the tailor uses a tape measure to measure a man for a suit of clothes, little boys invariably measure other boys by their ability to fight. A certain man in New England who manufactures table cloths has the peculiar habit of measuring the value of everything he sees in terms of table cloths instead of dollars. Now, in all of these cases something or someone is compared with some definite standard and a measurement or ( 6 ) is obtained.

Metrology is as old as civilization itself. The origin of the pound can be traced to ancient Rome where a *libra* was a unit of weight equal ( 7 ) 7,680 grains of wheat. This libra was the ancestor of our pound and the abbreviation of the pound today is still the abbreviation of this libra, lb. Our mile comes from the Latin words *mille passuum* meaning one thousand paces. The pace of the Roman soldier was considered two steps of  $2\frac{1}{2}$  feet each and hence the mille passuum was 5,000 feet. The modern mile is 5,280 feet.

The origin of the foot is not definitely known. It is supposed to have been the length of some ancient king's foot. The inch, which comes from the Latin word *uncia* meaning ( 101 ), was supposed to have been that fraction of the foot. Curious definitions of the foot appear in history from time to time. More than seven hundred years ago we find:

“...it is ordained<sup>(注5)</sup> that three grains of barley, dry and round, put end to end, shall make an inch and twelve such inches shall make a lawful foot.”

Imagine, if you can, what our modern precision machinery would be ( 8 )  
if it ( ) ( 9 ) ( ) three grains of barley ( 10 ) the unit of  
measurement! Such a standard is much more interesting than it is useful or  
accurate and so, as science progressed and machinery became more  
complicated, more delicate and more important, much more accurate standards  
of measuring were required.

(注1) metrology = 度量衡(学), 計測学

(注2) cornerstone = 礎石, 基礎

(注3) abbreviation = 省略形

(注4) fraction = 分数

(注5) ordain = (法律などで)定める

問 1. 問題本文中の下線部(1), (2), (3)に置き換えられるものとして最も適切なものを、それぞれ下記の中から選び、その記号をマークしなさい。

(1) devoid of (解答番号1)

A. according to

B. by means of

C. dependent on

D. lacking in

(2) invariably (解答番号2)

A. always

B. sometimes

C. steadily

D. widely

(3) from time to time (解答番号3)

A. often

B. rarely

C. seldom

D. sometimes



問 5. 問題本文中の下線部(ウ)が次に示す意になるように、下記の語を並べ替えて空所に入れるとき、( 8 ), ( 9 )および( 10 )の位置にくる語をそれぞれ選んで、その記号をマークしなさい。(解答番号は空所の番号と同じ。)

「もし、今日の精密機器が大麥 3 粒を寸法の単位として製造されるならどのようなものになるか」

what our modern precision machinery would be ( 8 ) if it ( )  
(ウ) ( 9 ) ( ) three grains of barley ( 10 ) the unit of  
measurement

A. as      B. like      C. manufactured      D. were      E. with

問 6. 問題本文中の下線部(エ)に最も近い用法で as が用いられた文を下記の中から選び、その記号をマークしなさい。(解答番号 11)

- A. As I didn't have a pen, I had to borrow one from somebody else.
- B. As she walked along the path, she picked some flowers.
- C. As you go higher, the air pressure will decrease.
- D. The world as we know it is a product of various compromises.

問 7. 次の A ~ G の中から、問題本文の内容と一致するものを二つ選んで、その記号をマークしなさい。解答は、解答番号 12 に二箇所マークすること。

- A. To measure generally means to compare something with something else according to a certain standard.
- B. A certain manufacturer of table cloths in New England habitually estimates the value of everything in money.
- C. A shortened form of libra, lb., is a unit for measuring length.
- D. Metrology started to develop long after civilization came into being.
- E. Foot, a unit for measuring length, is proved to be derived from the length of a well-known Roman king's foot.
- F. Even today, the length of three grains of barley is practically employed as an accurate and convenient unit showing an inch.
- G. Much more correct and precise standards of measuring were needed to produce more sophisticated machinery.

〔Ⅱ〕 次の英文を読んで、下の問に答えなさい。なお、文中の pound は重量の単位で、1 pound は約 453.6 g に相当します。

I called my son, Josh, during his first semester at college to wish him luck on his final exams. His response was, "There's no such thing as luck. It's all hard work." He's a driven kid, who throws himself at the things about which he is passionate, especially athletic competitions that require a tremendous amount of training and preparation. ( 16 ) I thought his response was extreme. But, on further reflection, I believe he had it right. Even when we think we're lucky, we've usually worked remarkably hard to put ourselves in that position.

I've watched Josh with admiration as he has strived to ( 17 ) ( ) ( 18 ) ( ) ( 19 ) ( ). At nineteen, he decided to try his hand at competitive powerlifting. This wasn't a natural [102. choose] for a former cyclist and track sprinter, but he was determined to break the national record for dead lifts. Josh identified the best trainers in northern California and drove two hours each way, several times a week, to learn from them. He read everything he could about the sport, carefully crafted a diet to build more muscle, and spent hours training at the gym. After several years of weight training followed by months of focused effort, he entered a competition to see how he stacked up against others. We [103. arise] at 5:00 a.m. and drove three hours to Fresno for a formal meet. The gym was filled with weight lifters who'd been competing for years. I was worried he would be disappointed with his performance. But Josh, weighing in at 190 pounds, blew away both the federation's state and national records by lifting 589.7 pounds — this was 50 pounds more than the previous record holder. Was he lucky? Of course he was lucky. All the cards aligned for him that day. But he ( 20 ) unless he ( 21 ) tremendous effort behind his goals.



Josh's comments on luck echoed the message I frequently heard from my father when I was a child—the [104. hard] you work, the [105. 'lucky] you get. His mantra was a stark reminder that you need to put yourself in a position to be lucky. Even if there's a low probability of success and a tremendous amount of competition, you can maximize your chances by being well prepared physically, intellectually, and emotionally.

(注1) powerlifting = 重量挙げ

(注2) dead lift = デッドリフト(両腕を伸ばしたままバーベルを床から一気に大腿上部まで持ち上げる競技)

(注3) craft = 工夫してつくる

(注4) stack up = 匹敵する, 同レベルにある

(注5) Fresno = フレズノ(カリフォルニア州中部の都市)

(注6) weigh in = 競技前に体重測定を受ける

(注7) align = きれいに並ぶ

(注8) mantra = 真言, 信念, モットー

問 1. 問題本文中の下線部(i)~(iii)について, それぞれの間に答えなさい。

(i) driven に含まれる i と発音の同じ i を含む語を次から一つ選び, その記号をマークしなさい。(解答番号 13)

A. ideal

B. machine

C. signature

D. tidy

(ii) com•pe•ti•tion と強勢(アクセント)の置かれる位置が同じものを次から一つ選び, その記号をマークしなさい。(解答番号 14)

A. ag•ri•cul•ture

B. com•par•i•son

C. el•e•va•tor

D. en•er•get•ic

(iii) i•den•ti•fied と強勢(アクセント)の置かれる位置が同じものを次から一つ選び, その記号をマークしなさい。(解答番号 15)

A. ap•pre•ci•ate

B. math•e•mat•ics

C. mel•an•chol•y

D. pol•i•ti•cian



問 6. 次の A ~ G の中から問題本文の内容と一致するものを二つ選び、その記号をマークしなさい。解答は、解答番号 22 に二箇所マークすること。

- A. Josh は期末試験を頑張るよう母親から電話をもらったとき、重量挙げの指導を受けるために車を飛ばしていた。
- B. Josh は自転車競技や陸上の短距離走が好きだったが、その瞬発力を買われ、19 歳で重量挙げの選手になるよう勧められた。
- C. Josh が重量挙げの選手を目指すと決めたとき、母親は自分の息子なら努力を重ねて成功できると信じ、期待の目で見ている。
- D. Josh は最高のコーチ陣を見つけて、車で片道 2 時間かかる距離を、週に数回通って指導を受けた。
- E. Josh の体重はもともと 86 kg 程度だったが、食事とトレーニングで筋肉をつけることで、他の選手に負けない実力を身につけた。
- F. Josh は重量挙げで 267 kg 以上のバーベルを持ち上げ、州のみならず全米の競技連盟の記録を大きく塗りかえた。
- G. Josh の「精神的にも肉体的にも努力してこそ幸運を最も手に入れやすくなる」という信念は、彼の父親の感化によるものであった。

〔Ⅲ〕 次の(1)~(6)の各組の英文の空所に共通して入れるのに最も適した語を、それぞれ下記の中から一つずつ選び、その記号をマークしなさい。(解答番号は空所の番号と同じ。)

- (1) { We need to have these papers ( 23 ) in a volume.  
The train the man took was an express ( 23 ) for Niigata.  
A. bound            B. directed            C. recorded            D. sealed
- (2) { His essay will appear in the special ( 24 ) of the magazine.  
They spent hours debating the big ( 24 ) between themselves.  
A. aspect            B. column            C. issue            D. value
- (3) { I would like these names to be listed in alphabetical ( 25 ).  
The librarian decided to ( 25 ) the rare book from London.  
A. contract            B. order            C. purchase            D. record
- (4) { If the two items are of the same price, I think either will ( 26 ).  
I don't think these photos ( 26 ) me justice.  
A. ask            B. be            C. catch            D. do
- (5) { At the end of the party Tim and Anne promised to keep in ( 27 ).  
Unfortunately, the movie did not ( 27 ) me at all.  
A. change            B. check            C. reach            D. touch
- (6) { All the leaves ( 28 ) yellow and red and looked beautiful.  
I was shocked when the rumor ( 28 ) out to be true.  
A. graded            B. shifted            C. turned            D. worked







