

Unit 1

Reading

次の英文を読み、右ページの問いに答えなさい。

Reading	Grammar	Writing	Logic	Listening	Total	読解時間
/40	/28	/10	/10	/12	/100	分 秒 (2分59秒)

テーマ 説明文 語数 328 1 101

Sports and Data Analysis

Nowadays, some professional team sports have become a matter of economic competition rather than an athletic one. In order to get star players, they need a lot of money. Naturally, rich teams have great advantages in this 1 talent war. It is still widely believed that teams with the most money are most likely to win. Some have even said, "Money buys them success."

When you look back on the past, however, you wonder if that is true. For example, the Oakland Athletics are one of the poorest of the 30 teams in Major League Baseball. Their budget remains less than half of that of the richest teams such as the New York Yankees. But in the regular seasons from 1999 to 2017, the team finished in first place 6 times and second 6 times. 2 People called it a miracle. How were they able to become such a powerful team?

The answer to this question seems to be related 3 not to how much money they have but to how they spend it. Traditionally, pro baseball teams would pick up promising players with their "gut" feeling or based on the players' physical features such as height, weight, and power. The Oakland Athletics changed all this. They introduced a new way to judge players based on statistics and data. According to their theory, to win more games they needed to score more runs, and to score more runs they needed more runners on the bases. This meant they needed players who might not be power hitters but at least had the ability to make it to first base. The result was as noted above.

The success of the Athletics influenced not only other baseball teams but also other professional sports such as basketball, soccer, and American football. Today, most sports teams use data analysis specialists and sophisticated computers to find players who will fit their team best. In other words, each player's unique abilities have come to be valued more.

0.8 Major League Baseball (米国の)大リーグ野球 0.17 statistics 統計 0.18 theory 理論
0.18 run 得点 0.24 sophisticated 精巧な

1 What do the underlined words 1 refer to? Write the answer in Japanese. (8点)

2 Translate the underlined text 2 into Japanese, briefly explaining what "it" refers to. (8点)

3 Fill in each blank with the most appropriate word so that it has the same meaning as the underlined text 3. (完答8点)

not to the () of money they have but to the () they spend it

4 Which one of the following is true of this passage? (8点)

- a. The sports team with the most star players usually wins.
- b. The Oakland Athletics used statistics and data to train their players.
- c. Baseball is the only sport in which data is used to build a team.
- d. Today a lot of sports teams use data to find the best players for them.

5 Choose the most appropriate phrase to fill in the blank so that the following sentence is true of this passage. (8点)

The main idea of this passage is that _____

- a. sports teams should spend less for star players.
- b. sports teams have come to depend more on data to pick up players.
- c. team work is very important in any sport.
- d. Major League Baseball has developed in a unique way.

重要単語・熟語チェック 辞書で意味を確認しよう

解答・解説集 p.4

- | | | | |
|---------------------------------|-------|-------------------------|-------|
| 1. competition /kəmˈpi:tɪʃən/ 図 | _____ | 4. physical /ˈfɪzɪkl/ 図 | _____ |
| 2. budget /ˈbʌdʒət/ 図 | _____ | 5. feature /ˈfi:tʃər/ 図 | _____ |
| 3. promising /prəˈmɪsɪŋ/ 図 | _____ | 6. value /ˈvæljuː/ 圖 ㊟ | _____ |

Grammar

POINT 文構造：5 文型と修飾語・句・節

■ 5 文型

- ① Jane smiles. (ジェーンは微笑む) S+V
- ② Mr. Allan is an English teacher. (アランさんは英語の先生だ) S+V+C
- ③ Cathy visited Asakusa. (キャシーは浅草を訪れた) S+V+O
- ④ I will give you some advice. (あなたにアドバイスをあげましょう) S+V+O+O
- ⑤ Bob calls his dog "Buddy." (ボブは彼の犬を「バディ」と呼ぶ) S+V+O+C

■ 修飾語・句・節 (M)：英文を構成する 4 要素 (SVOC) 以外の語句で、4 要素を修飾。

• 形容詞としての働き：名詞を修飾

- ⑥ Ellie's father bought her some dolls **made in Japan**.

(エリーの父は彼女にいくつか日本製の人形を買ってあげた)

• 副詞としての働き：名詞以外 (動詞, 形容詞, 副詞など) を修飾

- ⑦ My aunt found Monet's painting really beautiful **at a single glance**.

(おばはモネの絵を一目見てとても美しいと思った)

1 () に入る最も適切なものを a ~ d の中から選び、記号で答えなさい。(4点×4 = 16点)

- (1) That old man () those hungry children some bread.
a. worked b. bought c. taught d. seemed
- (2) Some people seem to () it impossible to live without a smartphone.
a. have b. admit c. feel d. follow
- (3) This software () me a lot of time when designing a poster.
a. searched b. saved c. put d. applied
- (4) I () this task too difficult for you to complete alone.
a. consider b. seem c. inspire d. manage

2 意味が通るように、() 中の語句を並べかえ、全文を書きなさい。(4点×3 = 12点)

- (1) It (my father / build / a lot of / cost / money / to) a second house near the lake.

- (2) I think (game / any other / superior / to / this) game I have at home.

- (3) What (to / name / are / going / you) the dog your neighbor gave you?

Writing

次の日本語を英語に直しなさい。

(5点×2 = 10点)

- (1) 彼は電話であなたに大事なメッセージを残していきました。

» POINT ④

- (2) 彼女はいつも彼女の机の上をきれいにしています。

» POINT ⑤

Logic 目標 複数の条件を加味して計算する

ジョーンズ氏は経営する雑貨店のウェブサイト制作をデザイン会社に依頼しようと、以下の価格表を送ってもらった。✓はジョーンズ氏が希望する内容であるが、予算・期間ともに想定を超えていたので、新たに組み合わせを考え直すことにした。ジョーンズ氏の希望条件 (Conditions) に合う組み合わせを a ~ e の中から 1 つ選び、記号で答えなさい。(10点)

Price List				
Contents	Price	Creation Time		
1 Website Design	\$1,000	5 days		✓
Number of Pages				
2 Plan A	10 to 15	\$1,000	10 days	
Plan B	16 to 20	\$1,200	15 days	✓
Number of Pictures				
3 Plan A	Up to 30	\$100	2 days	
Plan B	Up to 50	\$200	3 days	✓
Video Gallery				
4 Plan A	2 movies	\$300	2 days	
Plan B	3 to 5 movies	\$700	3 days	✓
5 Contact Form	\$300	3 days		✓

Conditions

Mr. Jones' budget is \$3,000 maximum and he needs his website created within 25 days. All 1 to 5 contents are required but degrading 2, 3, and 4 is acceptable.

- a. 1, 2-A, 3-A, 4-B b. 1, 2-A, 3-B, 4-B, 5
- c. 1, 2-A, 3-B, 4-A, 5 d. 1, 2-B, 3-B, 4-A, 5
- e. 2-B, 3-A, 4-A, 5

Listening

1 02 - 03

1 対話と質問を聞き、その答えとして最も適切なものを a ~ d の中から選び、記号で答えなさい。対話と質問は 1 度しか流れません。(6点)

- a. He is late for school.
- b. He forgot to do his homework.
- c. He lost his smartphone.
- d. He left his smartphone at home.

2 対話と質問を聞き、その答えとして最も適切なものを a ~ d の中から選び、記号で答えなさい。対話と質問は 1 度しか流れません。(6点)

- a. That he should spend his summer vacation in Japan.
- b. That he should ask his friend to have dinner with them.
- c. That he should meet his friend at home.
- d. That he should invite his friend to stay with them.