

大阪工業大学

2021年度公募制推薦入試

英語対策講座

- 大阪工業大学「2020年度公募制推薦入試」の過去問題を使用しています。
- 大問Ⅰ～Ⅴのうち、Ⅰ、Ⅲ、Ⅳを使って解説しています。

★その他、過去3年分の問題は

<https://www.oit.ac.jp/japanese/juken/result/kakomon.html> をチェックしよう！

英語 (54分56秒)			
開始時間	問題番号		内容
00:00 ~	-----	-----	[合格五ヶ条]
03:27 ~	大問Ⅰ	(2) 2	語句整序
		(2) 3	語句整序
		(1) 1	空所補充
18:45 ~	大問Ⅲ	(1) 12	同意表現
		(2) 13	同意表現
		(3) 14	内容説明
		(4) 15	内容説明
		(5) 16	内容真偽
47:43 ~	大問Ⅳ	(1) 17	空所補充

大阪工業大学 公募制推薦入試 英語対策講座

解説動画用テキスト

大問1の解説

The number of school-aged children who spend three hours or more on smartphones, computers or TV a day has drastically increased since the last academic year, and their physical strength has (① to ② been ③ be ④ lower ⑤ found ⑥ find) ¹⁾ than the national average, according to a survey conducted by the Sports Agency in 2018.

(2) 下線部 1) ~ 4) を文脈に合うように並べかえる際、 unnecessaryなものが1つ含まれている。

その語句をそれぞれ1つ選び、その番号をマークせよ。

下線部 1)

【参考訳例】

2018年スポーツ庁によって行われた調査によると、昨年度1日3時間以上スマートフォンやコンピューターまたは、テレビに使う就学年齢の子供たちの数が昨年劇的に増え、そして、そのような子供たちの体力は全国的な平均より低いということがわかった。

👉 **find**の語法 **find** ○ **to be** △ ⇒ ○ **is found to be** △.

大問1の解説

On the question of the number of hours that children used smartphones, computers, TV or other devices on weekdays, the percentage of those who used the devices for three hours or more a day increased drastically from the fiscal 2017 test among both (① students ② at ③ and ④ female ⑤ nor ⑥ male) both elementary and ²⁾ junior high schools. Among male students in particular, the 1 increased from 32.8 percent to 38.1 percent for fifth-grade students and from 31.5 percent to 35.7 percent for second-year students.

(1) 空所 1 に入る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 width ② length ③ figures ④ weight

(2) 下線部1)～4)を文脈に合うように並べかえる際、不必要なものが1つ含まれている。その語句をそれぞれ1つ選び、その番号をマークせよ。

下線部2) 3

【参考訳例】

平日子供がスマートフォン、パソコンまたは他の電子機器を使用する時間数についての質問で、1日3時間以上、それらを使用する子供の割合が小中学校ともに男女生徒の両方の間で2017年度に実施した調査結果から劇的に増加した。

👉 among {both ① and ②} at {both ③ and ④}

【出典】 Adapted from "Study: Lower physical strenght among kids with more screen time", The Japan News, December 21, 2018.

【攻略ポイント】

1. 語彙型問題

英文の流れに乗る。日頃から㊾や㊿の位置から英文の流れを意識しよう。

2. 内容一致問題

設問リード部や選択肢を予め読んで、注目するワードや優先するワードを選ぶ。

大問3の解説

<本文抜粋 12行目>

Robotics still has a long way to go before there's a realistic chance of having a humanoid nurse. Zora doesn't dispense medicine, take blood pressure or change bedsheets. At Jouarre, Zora was viewed by

(1) According to the passage, which of the following best describes “a humanoid nurse”? Choose the best answer and mark the number on the answer sheet.

12

- ① a robot nurse gaining knowledge beyond human understanding
- ② a robot nurse resembling a human in appearance or character
- ③ a robot nurse totally and precisely controlled by a human
- ④ a robot nurse that requires human round-the-clock care

大問3の解説

<本文抜粋 第3段落前半>

In nearly every country, the population of older adults is rising. The number of people over 60 will more than double to 2.1 billion by 2050, according to the United Nations. The figures point to an emerging gap. There simply won't be enough people for the required health care jobs. Proponents argue new technology must be created to help fill the void.

- (2) According to the passage, which of the following is closest in meaning to “void”?
Choose the best answer and mark the number on the answer sheet.

13

- ① vacancy ② sickness ③ globalization ④ ambiguity

<本文抜粋 第4段落4行目>

Staff members have been continually

surprised by how attached patients have become.

- (3) According to the fourth paragraph, why have staff members been surprised?

Choose the best answer and mark the number on the answer sheet. 14

- ① Because patients got along with each other after playing with Zora.
② Because patients became to have great trust in the nurses after Zora came.
③ Because patients developed a great love for Zora.
④ Because patients restored bonds with their family while talking to Zora.

大問3の解説

<本文抜粋 第2段落2行目> The robot is controlled by a nurse at the hospital, who operates Zora from a laptop. The nurse often stands out of view so patients don't know it's him at the controls. Zora often leads exercises and plays games. It can have a conversation because the nurse types words into a laptop for the robot to speak.

(4) According to the passage, what does Zora do at the hospital? Choose the best answer and mark the number on the answer sheet.

15

- ① Zora takes blood pressure and lifts patients to help them move.
- ② Zora sleeps on the bed and takes a rest to recharge itself.
- ③ Zora helps patients to take part in exercises and activities.
- ④ Zora responds to patients according to its feelings.

<本文抜粋 第4段落5行目> One nurse said some patients get jealous of others spending time with Zora. Patients have told the robot things about their health they wouldn't share with doctors. A woman who had bruises on her arms

(5) Which of the following is true about the passage? Choose the best answer and mark the number on the answer sheet.

16

- ① Zora tends to convey emotional feelings by being treated like a baby.
- ② The higher the number of elderly people becomes, the less likely robots will provide health care.
- ③ Some patients feel encouraged when Zora talks with other patients.
- ④ Some patients share details of their health condition with Zora that they do not talk about with doctors.

【出典】 Meet Zora, the Robot Caregiver by Adam Satariano, Elian Peltier, Dmitry Kostyukov

© The New York Times.

大問4の解説

The request, made at a meeting of a panel of experts at the ministry, reflects the heavy burden placed on broadcasters stemming from updates to facilities and other forms of investment at a time when radio stations' advertising revenues are 17 as the number of listeners falls.

(1) 空所 17 ~ 19 に入る最も適切なものを次の中からそれぞれ1つ選び、その番号をマークせよ。

17

① diminishing

② rising

③ glowing

④ increasing

【出典】 Japanese broadcasters call for end to mandatory AM radio due to cost and lack of listeners (from The Japan Times/JIJI, Mar 28, 2019)