

英語 2023 年度 一般選抜前期問題 解答

[I]

1	2	3	4	5	6
A	B	C	A	D	D

[II]

1	It will be dark by the time you get to the museum. 他
2	I have nothing to do with this case. 他
3	New Zealand is a country surrounded by the sea.
4	I wish I had enough money (money enough) to buy that tablet PC.
5	Those professors argue whenever they meet. 他
6	We happened to take the same train.

[III]

1	(ア)	(イ)	(ウ)	(エ)	(オ)
	A	C	D	A	B

2	(1)	(2)	(3)	(4)	(5)
	B	A	C	D	A

3	[A]	[B]	[C]	[D]	[E]
	(c)	(a)	(d)	(b)	(b)

4	例	×	Florida wildlife officials say manatees facing <u>decrease in income</u> are benefitting from a program that feeds them tons of donated lettuce.
	(1)	×	The human-caused water pollution resulted from agriculture, waste from cities, etc. was the reason for the shortages of manatees' favorite food, seagrass and <u>lettuce</u> .
	(2)	×	The United States Fish and Wildlife Service supervises the feeding program, which covers the area <u>away from</u> Florida's central-east coast.
	(3)	×	Last year the number of manatee deaths was <u>the lowest ever because of the feeding program</u> .
	(4)	×	It is a crime in Florida for a person to feed manatees on their own, but this time citizens <u>are encouraged to feed lettuce to manatees</u> . (feed 以下のみで可)
	(5)	○	Manatees are no longer on a federal endangered list because the number of manatees has increased.

5	(1)	water pollution led to shortages of their favorite food, seagrass に該当する内容。 水質汚染のためマナティたちの好物である海草が不足したこと。(等)
	(2)	It gives us the greatest exposure to the greatest number of animals に該当する内容。 今までで一番多くのマナティが現れる(見られる)。(等)
	(3)	it can lead the animals to make an unhealthy connection between humans and food. に該当する内容。 野生の動物を、人間と食べ物との不健康な(不自然な)関係にみちびく可能性があるから。(等)
	(4)	the best ways people can help are to donate money, through an official organization に該当する内容。 市民が直接エサを与えるのではなく、公式な組織に金銭的寄付をして、組織を通してエサを与えてもらうこと。(等)
	(5)	自由回答:問題に対する「取り組みの提案」であること。一般的な提案であっても、個性的な提案であっても内容は自由とします。

国語 2023 年度 一般選抜前期問題 解答

[illegible][illegible]

数 学 2023 年度 一般選抜前期問題 解答

問題番号		解答	
1	(1)	$X^6 - 1$	
	(2)	20	
	(3)	$(a+b+c)(ab+bc+ca)$	
	(4)	①	$a=1, b=\frac{\sqrt{3}-1}{2}$
		②	$\frac{11-4\sqrt{3}}{4}$
	(5)	$\frac{\sqrt{6}-\sqrt{2}}{4}$	
	(6)	①	6通り
		②	$\frac{25}{216}$
2	(1)	55	
	(2)	4895	
	(3)	$S_n = a_n(a_n + a_{n-1})$	
3	(1)		
	(2)	$-4 < a < 0$	
	(3)	$y = -9x, y = 0$	
4	(1)	表面積	$96(\sqrt{2}+1)$
		体積	$\frac{448}{3}$
	(2)	平面図	
		体積	$\frac{520}{3}$