2023 年度 1 期

科 目 名	受 験 専 攻	受験番号	氏 名
Subject	Department & course	Examinee's No.	Name
	International Agricultural		
英語 English	Development,		
	Master's course		
Answer both Question I (on page 1) and (Question II (on page 2). Write you	ur name on both pages.	
Question I: Read the article below and an	swer the following questions.		
Source: WFP (2022) "Implications of the			East Africa Region."
(https://docs.wfp.org/api/documents/WFP	-0000140223/download/), access	sed on 20 June 2022.	
(1) Decide whether the sentences below a	re correct or incorrect according	to the article, and check the	e appropriate box (☑)
A from the conflict in I II wains atomted food	uniona in Foot Africa in annual d		
After the conflict in Ukraine started, food	prices in East Africa increased.		
☐ Correct ☐ Incorrect			
Higher transport costs and increased price	of agricultural inputs contribute	d to a sharn increase in ara	in prices
☐ Correct ☐ Incorrect	or agricultural inputs contitoute	d to a sharp merease in gra	in prices.
- Correct - meorrect			
While the global wheat price increased, the	ne price of maize and rice remain	ed low	
☐ Correct ☐ Incorrect	to price or maile and rice remain	64 10 111	
Reduced agricultural production and bloc	kades in the Black Sea Region le	d to a reduced availability	of staples.
☐ Correct ☐ Incorrect	\mathcal{E}	,	•
Major grain producing countries other that	n Ukraine and Russia did not ade	opt trade restriction policies	S.
☐ Correct ☐ Incorrect			
(2) In three to five sentences, explain how	v reduced global grain supply wo	ould affect the food security	y situation in your country. Use the reverse
		_	an the sentence limit, you will lose marks.
	· -		-

2023 年度 1 期

科 目 名	受 験 専 攻	受 験 番 号	氏 名
Subject	Department & course	Examinee's No.	Name
	International Agricultural		
英語 English	Development,		
	Master's course		
Question II: Read the article below and ar	nswer the following questions.		
	0.1		
Source: Deena Robinson (2022) "12 Bigg	est Environmental Problems Of	2022"	
(https://earth.org/the-biggest-environment			
(https://earth.org/the-orggest-environment	ai-problems-or-our-medine/), ac	cessed on 21 June 2022.	
(1) Salast the most ammanists answer to	the fellowing avestions on sout	mana and abastr the ammonum	into how (17)
(1) Select the most appropriate answer to	the following questions or sente	ences, and check the appropri	iate box (🗹).
Current soil erosion rates are about 100 tin	mee facter than natural rates		
☐ Correct ☐ Incorrect	mes faster than natural rates.		
Correct			
Frequent tillage is important for improvin	a sail fartility		
☐ Correct ☐ Incorrect	g son fermity.		
Correct			
To restore soil fertility, the soil can be left	unvagatated for cavaral vaors		
Ī	unvegetated for several years.		
☐ Correct ☐ Incorrect			
Outs the set 10/ of the first section of the	1 411 11.1-		
Only about 1% of the freshwater on earth	is readily accessible.		
☐ Correct ☐ Incorrect			
W1: 1 C4 C H : 111			
Which of the following would be an appro			
☐ Soil Deterioration and Water ☐ S	oil Deterioration and Food	Food and Water Insecurity	☐ Poor Water Management
(2) Briefly describe how to improve the	• •		ledge, in three to five sentences. Use the
reverse side to answer. If you write m	ore than the sentence limit, you	will lose marks.	

2023年度1期

科 目 名	受 験 専 攻	受 験 番 号	氏 名
Subject	Course	Examinee's number	Name
熱帯作物学 Tropical crops science	国際農業開発学 専攻 博士前期 課程 International Agricultural Development (Master's Course)		

然何下初子	International Agricultura	al				
Tropical crops science	Development (Master's Course)					
熟帯・亜熱帯地域の作物を一つ選		 (分料	生能的特性		田淦かど)	解決すべき理野
で命で亜級市地域の作物を こついて説明しなさい。	送い、 での1下初の7行以		、工器的特压、	秋山丛、	用処なこん	件人 9、6 休息
Choose one crop from the tropics or s	subtropics and then eval	ain ita	charactoristics (alassificat	ion physiolog	rical and ocological
haracteristics, cultivation methods,					ion, physiolog	icai and ecological
maracteristics, curtivation methods,	, usage, etc./ and chaner	ige ioi	crop production.			

2023年度1期

科 目 名	受 験 専 攻	受 験 番 号	氏 名
Subject	Department & course	Examinee's No.	Name
熱帯園芸学	International Agricultural		
不管國本子 Tropical Horticultural Science	Development,		
Tropical Horticultural Science	Master's course		

Tranical Harticultural Science	Development,						
Tropical Horticultural Science	Master's course						
熱帯における野菜や果実の鮮度保持に関して注意すべき点を述べよ。							
What do you think are the	important matters to keep	p freshness of veg	getables and fruits in the				
tropics?							

2023 年度 2 期

Examinee's No. Name No. Name Page	科 目 名	受 験 専 攻	受 験 番 号	氏 名
Answer both Question I (on page 1) and Question II (on page 2). Write your name on both pages. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. [Source: FAO. 2019. The State of Food and Agriculture 2019. Moving forward on food loss and waste reduction. Rome. pp.xii-xiii) (I) Decide whether the sentences below are correct or incorrect according to the article, and check the appropriate box (②) People use different definitions of food loss and waste. [Correct	Subject	Department & course	Examinee's No.	Name
Answer both Question I (on page 1) and Question II (on page 2). Write your name on both pages. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article below and answer the following questions. Question I: Read the article article and answer the following questions. Question I: Read the article article article and waste reduction. Rome, p. xii-xiii) Question I: Read the article a		International Agricultural		
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(Source: FAO. 2019. The State of Food and Agriculture 2019. Moving forward on food loss and waste reduction. Rome. pp.xii-xiii) (1) Decide whether the sentences below are correct or incorrect according to the article, and check the appropriate box (♥) People use different definitions of food loss and waste. Correct Incorrect According to the FAO's definition, food disposed by consumers is food loss. Correct Incorrect Food loss and food waste occur at different stages of food supply chain. Correct Incorrect Food loss and waste measured in physical terms may not adequately represent the economic value of commodities. Correct Incorrect Food loss and waste measured in physical terms may not adequately represent the economic value of commodities.	Answer both Question I (on page 1) and 0	Question II (on page 2). Write you	ir name on both pages.	
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 □ Correct □ Incorrect Food loss and waste measured in physical terms may not adequately represent the economic value of commodities. □ Correct □ Incorrect (2) In three to five sentences, briefly describe the examples of food loss and waste in your country. Use the reverse side to answer. The answer 	☐ Correct ☐ Incorrect			
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Food loss and waste measured in physical terms may not adequately represent the economic value of commodities. □ Correct □ Incorrect (2) In three to five sentences, briefly describe the examples of food loss and waste in your country. Use the reverse side to answer. The answer	Animal feed is a form of food waste.			
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(2) In three to five sentences, briefly describe the examples of food loss and waste in your country. Use the reverse side to answer. The answer		l terms may not adequately repres	sent the economic value of	of commodities.
	☐ Correct ☐ Incorrect			
should be based on your experience and knowledge. If you write more than the sentence limit, you will lose marks.				
	should be based on your experience and k	knowledge. If you write more than	n the sentence limit, you v	will lose marks.

	2023 年度	更2期	
科目名	受 験 専 攻	受 験 番 号	氏 名
Subject	Department & course	Examinee's No.	Name
· ·	International Agricultural		
英語 English	Development,		
)(HI 211811111	Master's course		
Question II: Read the article below and an			
Question II. Read the article below and an	nswer the following questions.		
(Source: News & views. Environmental	science Atmospheric CO2 rem	oved hv rock weathering Na	ature Vol583 9 July 2020 pp204-205)
(Source: News & News. Environmental	science. Aimospheric CO2 rem	oved by rock wedinering. In	uture voi303 > 3uty 2020 pp204-203.)
(1) Decide whether the sentences below a	ire correct or incorrect according	to the article, and check the a	appropriate box (🗹)
Reduction of carbon dioxide from the atn	nosphere mitigates global warmii	ng.	
□ Correct □ Incorrect			
Crushed basalt or other silicate rock in the	e ocean removes carbon dioxide.		
□ Correct □ Incorrect			
Usage of enhanced rock weathering make	es it possible to remove over five	hundred million tons of carb	oon dioxide from the atmosphere.
□ Correct □ Incorrect			
Canada is one of the three highest potenti	al countries to remove carbon di	oxide with application of enh	nanced rock weathering.
□ Correct □ Incorrect		11	S
a contest			
Enhanced most resettaning is not the only	annocale to mitigate alimenta ale		
Enhanced rock weathering is not the only	approach to mingate chinate chi	ange.	
□ Correct □ Incorrect			
(2) Make a summary of the above article	in about 70 words. You can use t	he reverse side if needed.	

2023 年度 2 期

科 目 名	受 験 専 攻	受 験 番 号	氏 名
Subject	Course	Examinee's No.	Name
農村開発協力学 Cooperation for Rural Developent	国際農業開発学専攻 Department of International Agricultural Development 博士前期課程 Master's Course		

農村開発協力学 Cooperation for Rural Developent	Department of International Agricultural Development 博士前期課程 Master's Course		
 【問題】途上国の農村開発と		 	た迷べわさい
	nts and different points between		
	nts and different points between	n rurar developmen	t in developing countries and
rural revitalization in Japan.			

2023 年度 2 期

	1 > 4		
科 目 名	受 験 専 攻	受験番号	氏 名
Subject	Course	Examinee's	Name
		number	
熱帯園芸学 Tropical Horticulture	国際農業開発学専攻 Department of International Agricultural Development 博士前期課程 Master's Course		
熱帯の途上国において園芸学	の果たすべき役割について、	あなたの考えを述	べたさい。

科 日 名		文 駷 番 芳	氏 名
Subject	Course	Examinee's	Name
		number	
熱帯園芸学 Tropical Horticulture	国際農業開発学専攻 Department of International Agricultural Development 博士前期課程 Master's Course		
熱帯の途上国において園芸学	<u>.</u> の果たすべき役割について、	あなたの考えを述	どべなさい。
Describe your opinion on the			
		r 8 - 7	. r

2023 年度 2 期

科 目 名	受 験 専 攻	受 験 番 号	氏 名
Subject	Course	Examinee's No.	Name
熱帯作物保護学 Tropical Plant Protection	国際農業開発学専攻 Department of International Agricultural Development 博士前期課程 Master's Course		

問題

作物保護とは微生物・植物・動物などの生物によってもたらされる被害から作物をまもることである。しかし同時に、これらの生物を単に駆除したり根絶したりするのではなく、適切な数や程度に管理・保全することがもとめられている。こうした生物の管理・					
保全の意義について、1)菌類、2)節足動物、3)哺乳類のなかから2つえらんで例をあげ説明しなさい。					
Question					
Plant protection is to defend crops from damage caused by organisms such as microbes, plants and animals. At the same time, however, there					
is a need to manage and conserve these organisms to an appropriate number and level, rather than simply exterminating or eradicating them. Please explain the significance of managing and conserving these organisms with two examples out of the following three categories: 1) fungi, 2)					

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科 目 名	受 験 専 攻	受 験 番 号	氏 名
曲光语控制	国際農業開発学専攻		
農業環境科学	博士前期課程		
Agricultural	International Agricultural		
Environmental Science	Development		
	(Master's course)		

次の課題から1つを選び、説明しなさい。紙面不足の場合は、裏面使用可。

- ① 農業由来窒素による地下水汚染の原因と対策
- ② マングローブ生態系の人間社会への寄与
- ③ 沙漠の自然成因と沙漠化の原因

Choose <u>one</u> out of the following three subjects and explain it. You can also use the reverse side of this sheet.

- 1) Causes and countermeasures of groundwater pollution by nitrogen derived from agriculture.
- 2) Contribution of mangrove ecosystems to human society.
- 3) Causes of natural deserts and desertification.