

Revision and
Assessment Pack **2**

Junior Secondary
**Exploring
Geography**
Third Edition

Sample

Unit Tests

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Contents

Book 3 Food problems—

Can we feed ourselves?

Unit 1 Where does our food come from?

Unit 2 Where are the farming activities in China?

Unit 3 Can we produce enough food for our growing population? 1

Unit 4 What are the major farming problems in China? 3

Unit 5 Are scientific farming methods effective to solve the farming problems in China? 5

Unit 6 Are there other ways to solve the farming problems in China?

Unit 7 Are other parts of the world facing food problems?

Name: _____ () Class: _____ Date: _____

Time: 10 min

Marks: _____ /10 marks

Part 3 Unit 3

1 Which of the following descriptions about food demand are correct? (2 marks)

- 1 The larger the population size, the larger the food demand.
- 2 Lower income groups generally consume more staple foods.
- 3 Higher income groups generally consume more meat and dairy products.

- A 1 and 2 only
- B 1 and 3 only
- C 2 and 3 only
- D 1, 2 and 3

D

2 The table below shows the food demand, local production and imports of countries A and B.

	Food demand (million tonnes)	Food supply (million tonnes)		
		Local production	Imports	Total
Country A	530	110	460	X
Country B	810	520	260	Y

a Find out the values of X and Y in the table above. (2 marks)

X: 570 Y: 780

b Which country faces the problem of food shortages? Support your answer with evidence. (2 marks)

- Country B faces the problem of food shortages (1)
- Total amount of food supply in County B (780 million tonnes) is lower than that of food demand (810 million tonnes) (1)

c Suggest ONE method for the country you mentioned in Question 2b to solve the problem of food shortages. (2 marks)

- Increase local production (1)
- Import more food from other countries (1) (any 1)

3 Which of the following descriptions is/are correct? (2 marks)

- 1 The self-sufficiency rate of staple foods in China is high.
- 2 Consumption of meat in China has been increasing in recent decades.
- 3 With rapid population growth, China will need to import a large quantity of food soon.

- A 1 only
- B 3 only
- C 1 and 2 only
- D 1 and 3 only

C

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Name: _____ () Class: _____ Date: _____

Time: 10 min

Marks:

/12 marks

Part 3 Unit 4

1 Refer to Figure 1 below. Which of the following are physical limitations for farming in Region X? (2 marks)

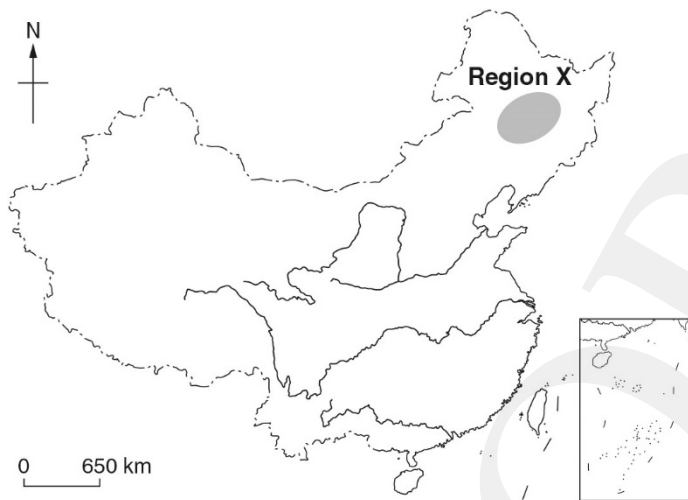


Figure 1

- 1 Rugged relief
 - 2 Shortage of water
 - 3 Cold and long winters
- A 1 and 2 only C 2 and 3 only
B 1 and 3 only D 1, 2 and 3

C

2 Which of the following are farming problems in China? (2 marks)

- 1 Pollution
 - 2 Loss of farmland
 - 3 Shortage of farm labour
- A 1 and 2 only C 2 and 3 only
B 1 and 3 only D 1, 2 and 3

D

3 Which of the following shows the correct order of how farming in areas with poor soil would lead to desertification? (2 marks)

- 1 Soil erosion
 - 2 Land becomes unproductive
 - 3 Cutting trees and removing natural vegetation
- A 1 → 2 → 3 C 3 → 1 → 2
B 2 → 1 → 3 D 3 → 2 → 1

C

4 Match the natural hazards in Column X with the correct descriptions in Column Y. Write your answers in the brackets. (4 marks)

X		Y	
A	Droughts (4)	1	They bring strong winds and heavy rain.
B	Floods (3)	2	They eat up and damage crops.
C	Typhoons (1)	3	They usually occur on flat land after a long period of heavy rain.
D	Pests (2)	4	The soil becomes too dry for crops as a result of long period without rainfall.

5 Which of the following is/are the cause(s) of shortage of farm labour in China? (2 marks)

- 1 Many farmers have moved to urban areas
 - 2 Environmental pollution
 - 3 Ageing population
- A 1 and 2 only
B 1 and 3 only
C 2 and 3 only
D 1, 2 and 3

B

Name: _____ () Class: _____ Date: _____

Time: 10 min

Marks: /28 marks

Part 3 Unit 5

1 Refer to Figure 1. What are the benefits of using the farming technology shown? (2 marks)



(Credit: Abhay iari/Wikimedia Commons)

Figure 1

- 1 Increase farming area
- 2 Increase the choice of crops
- 3 Lengthen the growing season

- A 1 and 2 only
- B 1 and 3 only
- C 2 and 3 only
- D 1, 2 and 3

D

2 What are the advantages of using modern farming machines? (4 marks)

• Help solve the problem of labour shortage (2)

• Improve farming efficiency (2)

3 Table 1 shows several scientific farming methods.

Table 1

Scientific farming method	Increase crop yields	Reduce crop failure	Possible negative impact
Using irrigation systems	✓		E
Using chemical fertilizers	✓		A, C
Using chemical pesticides		✓	A, B, D
Using farming machines	✓		C
Using greenhouses	✓	✓	C
Using genetic engineering	✓	✓	B, D

a How can the scientific farming methods listed in the table help in farming? Tick '✓' the correct answers in the second and/or third column(s). (8 marks)

b Refer to the possible negative impacts of some scientific farming methods below. Match them with the methods listed in Table 1. Write the letters in the last column. (10 marks)

A Cause water pollution

C Intensify greenhouse effect

B Reduce biodiversity

D Contaminate crops

E Cause river to dry up

4 Which of the following scientific farming methods help solve the problem of short growing season? (2 marks)

- 1 Using greenhouses
 - 2 Using irrigation systems
 - 3 Growing temperature-tolerant GM crops
- A 1 only
 - B 1 and 3 only
 - C 2 and 3 only
 - D 1, 2 and 3

D

5 Which of the following is/are general requirements of using scientific farming methods? (2 marks)

- 1 Large farm size
 - 2 Large investment
 - 3 Technological know-how
- A 1 only
 - B 1 and 3 only
 - C 2 and 3 only
 - D 1, 2 and 3

C