

5.3 Agricultural Origins and Diffusions

Name: _____ Class: _____ Date: _____

Total: 10 marks

KEY WORDS columbian exchange 哥伦布交换 • agricultural hearth 农业起源地 • second agricultural revolution 第二次农业革命 • green revolution 绿色革命 • agriculture 农业

Objective

Build the skills to answer exam questions on **agricultural hearths** 农业起源地 and diffusion.

You must be able to:

- define an **agricultural hearth** 农业起源地
- name a major hearth (e.g. the Fertile Crescent)
- explain how farming diffused from hearths
- define the **Columbian Exchange** 哥伦布交换

1 Worked examples

Study these first. Each one shows the method for a task used later.

■ Agricultural hearths

An **agricultural hearth** is a region where farming independently began. Several arose worldwide, including the **Fertile Crescent**, East Asia, and Mesoamerica.

■ Diffusion of farming

From each hearth, crops, animals, and techniques spread by **relocation** (migrating farmers) and **expansion** diffusion to neighbouring regions.

■ The Columbian Exchange

The **Columbian Exchange** was the transfer of crops, animals, and diseases between the Americas and the rest of the world after 1492, reshaping global agriculture.

2 Practice

2.1 Define an agricultural hearth. [2]

2.2 Define the Columbian Exchange. [2]

2.3 Wheat farming began in the Fertile Crescent and later appeared across Europe.

(a) Name the process that carried it to Europe. [1]

(b) State the diffusion type if farmers migrated and brought it. [1]

3 Exam-style questions

3.1 A region where agriculture was first independently developed is an agricultural [1]

- **A** region
- **B** hearth
- **C** landscape
- **D** boundary

3.2 The movement of potatoes to Europe and horses to the Americas is part of the [1]

- **A** Green Revolution
- **B** Columbian Exchange
- **C** Second Agricultural Revolution
- **D** gravity model

3.3 Maize, first grown in Mesoamerica, is now farmed worldwide.

(a) What does this show about the crop's hearth? [1]

(b) Explain how diffusion spread it globally. [1]

Solutions

2.1 a region where agriculture independently originated and from which it spread.

2.2 the exchange of crops, animals, and diseases between the Americas and the rest of the world after 1492.

2.3 (a) diffusion (from the hearth). (b) relocation diffusion.

3.1 B. the origin region is an agricultural hearth.

3.2 B. post-1492 crop/animal transfer = Columbian Exchange.

3.3 (a) it originated (was domesticated) there. (b) it spread through trade, migration, and later the Columbian Exchange.