

**For Final Assessment, 2025**

**Std: VII**

**Subject: Geography**

**Date: \_\_\_\_\_**

**Worksheet No.: 23**

**Time: 25 minutes**

**Topic: Lesson 11- Case Study - Cocoa Cultivation in Ghana (Answer Key)**

**Instructions:**

1. The Students must solve the worksheet at home.
2. The Students must write the answers in the space provided.
3. They must bring this worksheet to school on \_\_\_\_\_. They must also carry a red/blue pencil for corrections.
4. Teacher will discuss the answers in the class. Thereafter the Answer Key will be sent on the ERP Portal.

**Q1. Choose the correct option.**

1. Cocoa is obtained from the beans of a tropical tree called \_\_\_\_\_.

- a. Sacred fig                      b. ferns                      **c. cacao**                      d. Plumeria

2. Which of the following statement is correct?

- I. The Cacao tree is a native of Central and South America.  
II. The Cacao tree is a native of South America.  
III. The Cacao tree is a native of North and South America.  
IV. The Cacao tree is a native of Central America.

**a. Statement I**

b. Statement II

c. Statement I & III

d. Statement IV

3. The type of labour required for the harvesting and processing of cocoa is \_\_\_\_\_.

- a. skilled manual**                      b. professional                      c. wage                      d. prodromal

4. The cacao tree needs \_\_\_\_\_ and \_\_\_\_\_ climate .

- a. hot & dry                      b. cold and dry                      c. cold and wet                      **d. hot and wet**

5. The leftover kernels of cocoa are known as \_\_\_\_\_.

- a. cocoa pods                      **b. cocoa nibs**                      c. cocoa bites                      d. cocoa beans

**6. Assertion (A): The cacao trees are pruned to a height of about six metres.**

**Reason (R):** The cacao trees are pruned to a height of about six metres so that the cocoa pods can be plucked easily.

I. A is true, but R is false

II. Both A and R are true, but R is not the correct explanation of A.

III. A is false, but R is true.

**IV. Both A and R are true, and R is the correct explanation of A.**

7. Match the following:

Column A	Column B
I. Harmattan	a.Import cocoa from Ghana
II. Mid- crop season	b. Threat to the cocoa crop
III. Germany	c. May to July
IV. Dry season	d. September to January

a. I – b , II – c, III – a , IV- d

b. I – b, II – a, III – c , IV- d

c. I – d, II – a, III – b, IV- c

d. I – c, II – d, III – b, IV- a

8. Which of the following statement is incorrect?

I. There has been a decrease in cocoa production in Ghana due to predominance of old trees.

II. There has been a decrease in cocoa production in Ghana due to lack of disease control.

**III. There has been a decrease in cocoa production in Ghana due to government incentives and support .**

IV. There has been a decrease in cocoa production in Ghana due to bad farm management.

a. Statement I

b. Statement II & I

c. Statement I & IV

**d. Statement III**

**Q2. Write down the geographic term for the following:**

a. The agricultural crops that are planted for the purpose of selling in the market or for export to make profit - **Cash - crop agriculture**

b. A tree that has green leaves all through the year- **Evergreen Tree**

c. A Spanish word for pickers of cocoa pods - **Tumbadors**

d. A sharp knife used to split cocoa pods - **Machete**

**Q3. Answer the following questions:**

a. **Mention the conditions required for Cocoa cultivation with regard to temperature, rainfall and soil.**

**Ans.** The conditions are as follows

- The cocoa trees require a hot and wet climate and a mean annual temperature of about 27°C.
- They require heavy and well distributed rainfall of about 150 cm.
- The cocoa crop needs loamy and well- drained soil.

b. **Explain the cultivation process of the cocoa trees.**

**Ans.** The cacao trees are planted in the following ways

- The forests are first cleared, leaving the larger trees for shade.
- The cacao seeds are first grown in nurseries.
- Then they are transplanted in rows at a distance of about three to four metres.

**c. Name the regions that form the ‘Cocoa Triangle’.**

**Ans.** The main cocoa-growing regions of Accra, Kumasi and Sekondi-Takoradi in Ghana form the Cocoa Triangle.

**d. How is cocoa butter made?**

**Ans.** The kernels of the cocoa bean known as Coco nibs are ground to a powder. The heat produced due to the grinding melts the cocoa-fat also called cocoa-butter.

**e. Enlist the three steps of processing cocoa.**

**Ans.** The three steps of processing Cocoa are:

- The cocoa pods are split open carefully using a machete and the sticky pulp and beans are scooped out by hand.
- The beans and the pulp are placed in heaps, then they are fermented for about seven days by covering them with banana leaves.
- After fermentation, the beans are washed, cleaned, dried in the sun and then they are packed and taken to the market. Further they are processed into finish products by the importing countries.

**Q4. Give reasons for the following statements:**

**a. Cocoa plants are grown between tall trees.**

**Ans.** The cocoa plant is highly sensitive to direct sunlight and the strong winds. So to protect them from direct sunlight and the strong winds, the cacao trees are grown in between the tall trees.

**b. The cultivation of cocoa is important to Ghana.**

**Ans.** The cultivation of cocoa is important to Ghana as

- Cocoa is the most important cash crop accounting to more than two-thirds of the country’s revenue.
- It provides employment to more than 2 million people.
- It also provides most of the capital for Ghana’s infrastructural projects.

**c. The cocoa beans in the pulp are allowed to ferment for about seven days.**

**Ans.** The Cocoa beans in the pulp are allowed to ferment for about seven days as

- As it removes the unpleasant bitter taste of the fresh beans.
- It stops the seeds from germinating.
- Also to give the beans it’s chocolate flavour and the brown colour.

**d. Roasting is an important process in cocoa production.**

**Ans.** Roasting plays an important role in the process of cocoa production as it helps develop the flavour and makes the grinding easy.

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