

Name

# 502

## AGRICULTURE

### SECTION A

Each question or statement is followed by four suggested answers or completions. Choose the **BEST ANSWER OR COMPLETION** and put the letter next to it in the answer box.

1. Which of the following is a fruit vegetable?

- A. Brinjal.
- B. Cabbage.
- C. Cauliflower.
- D. Long bean.

2. Study Figure 1 carefully.

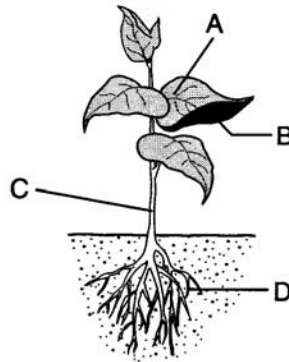


Figure 1

In which part labelled **A**, **B**, **C** or **D** does most carbon dioxide enter the plant?

3. Figure 2 shows a farmer applying fertilizer to the crops.



Figure 2

Name the method of applying fertilizer used by the farmer.

- A. Banding.
- B. Base dressing.

- C. Broadcasting.
- D. Side dressing.

4. Figure 3 shows the first few steps in a method of vegetative propagation.

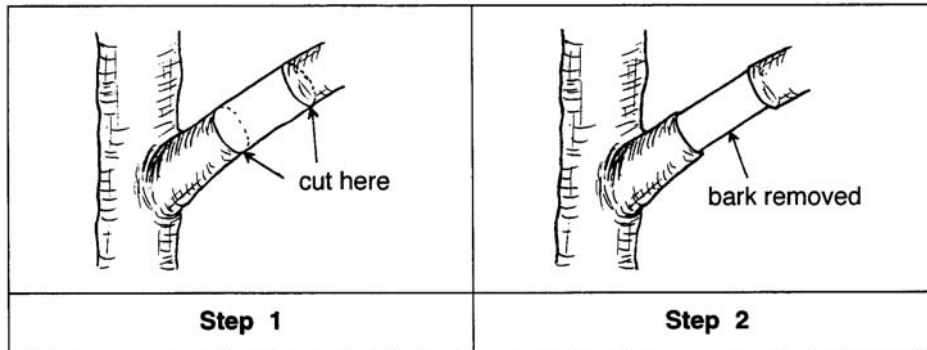


Figure 3

Name the method being described in Figure 3.

- A. Budding.
- B. Grafting.
- C. Marcotting.
- D. Stem cutting.

5. Which of the following feed is usually given to a chicken at day one until four weeks old?

- A. Finisher mash.
- B. Grower mash.
- C. Layer mash.
- D. Starter mash.

6. Which of the following is correctly matched?

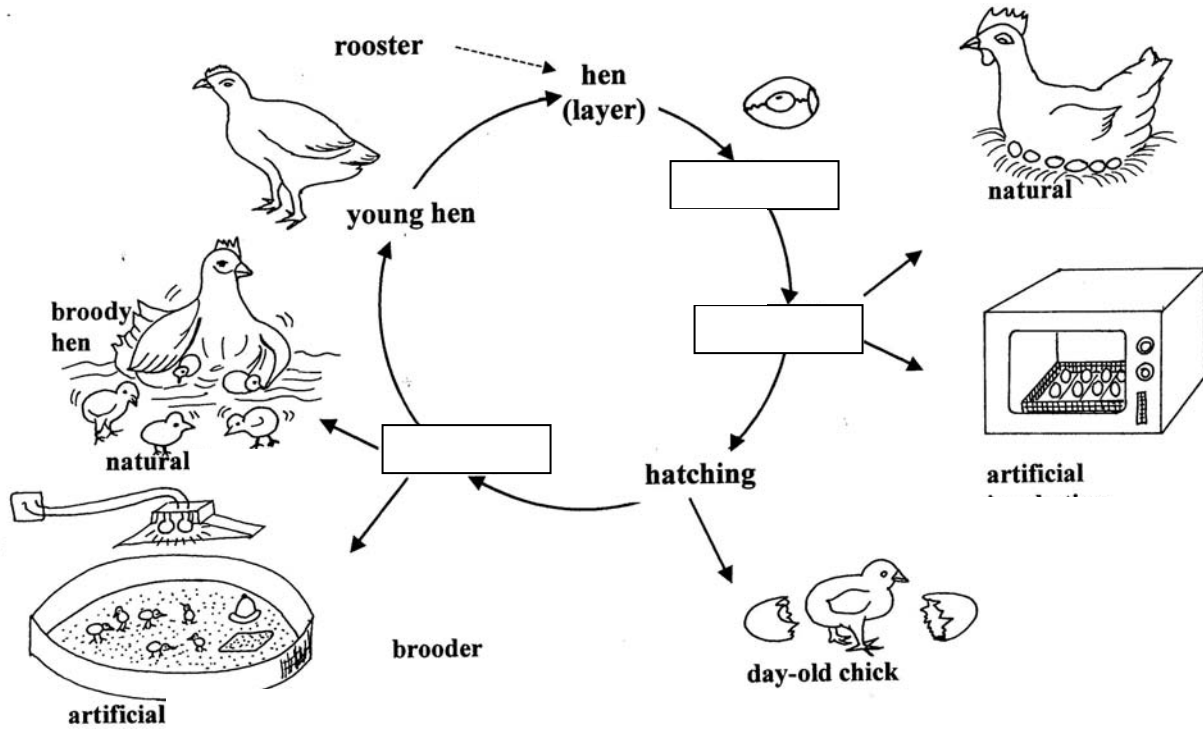
	Type of tool	Name of tool
A.	Cultivation	Hoe
B.	Cutting	Rake
C.	Cutting	Spade
D.	Weeding	Trowel

[6 marks]

SECTION B

Answer ALL questions in this section.

7. Figure 4 below shows the life cycle of a chicken.



(a) Complete the life cycle of a chicken by filling in the boxes with suitable terms.

[3]

(b) Name the equipment used to check for egg defects.

\_\_\_\_\_

[1]

(c) List **five** signs of egg defects.

\_\_\_\_\_  
\_\_\_\_\_

[5]

(d) How long does it take to incubate a fertile egg?

\_\_\_\_\_

[1]

(e) Explain briefly how you carry out artificial incubation.

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[3]

8(a) List **three** characteristics of a good layer.

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[3]

(b) A farmer is going to carry out culling of his layers. The table below shows information about the four chickens.

Chicken 1	6 weeks old	Lays 5 egg/week
Chicken 2	4 weeks old	Lays 2 eggs/week
Chicken 3	3 years old	Lays 1 egg/week
Chicken 4	1 year old	Lays 4 eggs/week

(i) 1. From the table above, which one of the layers will he cull?

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[1]

2. Give a reason why you choose your answer.

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[1]

(c) What type of system is the best for rearing layers commercially?

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[1]

(d) What type of feed is given to layers?

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[1]

(e) With the aid of diagram, describe how you would prepare the brooder if you want to rear chicks.

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[4]

∞ END OF PAPER ∞