



**LIMPOPO**  
PROVINCIAL GOVERNMENT  
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF  
**EDUCATION**

**SEKHUKHUNE SOUTH**

**GENERAL EDUCATION AND TRAINING**

**NATURAL SCIENCES AND TECHNOLOGY**

**GRADE 5**

**TERM 1 2023**

## **MEMORANDUM**

### **QUESTION 1**

1.1 A✓

1.2 A✓

1.3 B✓

1.4 C✓

1.5 A✓

### **QUESTION 2**

2.1.True✓

2.2.False✓

2.3. False✓

2.4. True ✓

2.5.True✓

### **QUESTION 3**

3.1 B✓

3.2 D(Joint) ✓

3.3 E✓

3.4.C✓

3.5. A✓

**SECTION B**

**QUESTION 4**

4.1 .

- a. Frame structured✓
- b. Shell structur✓
- c. Shell structure✓
- d. Frame structure✓

**QUESTION 5**

**5.1**

- a. Clavicle/collarbone✓
- b. Femur✓
- c. Pelvis/hip bone✓

5.2. The skull protects «the brain/eyes/middle and inner ear✓

**QUESTION 6**

6.1. A Caterpillar✓

- B. Black bird✓
- C. Owl✓ (The living thing must be in the correct order for 1 mark)

6.2. It makes food by photosynthesis. ✓ (Any relevant answer)

6.3. Caterpillar✓

**QUESTION 7**

7.1 Vertebrate: Chick/hen/rooster (Any one) ✓ invertebrate:

Butterfly✓

7.2. Chicks/hens/roosters have backbones and butterflies do not have backbones. ✓

7.3. Chickens go through three stages in the life cycle and the butterfly has 4 stages. ✓✓

OR

Butterfly goes through metamorphosis and the chicken does not. (Any other relevant answer)