



**Subject:** Grade 7 Natural Sciences  
**Topic:** Natural Sciences: Term 1 - Mini-Exam  
**Total:** 90 Marks

**Name:** \_\_\_\_\_

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

## Question 1: Please Fill In The Blanks

4 marks

Fish are (1) animals that are adapted to live in water. They have fins and (2) which enable them to adapt to live in water.

Possible Answers: cold-blooded | warm-blooded | gills | lungs | hearts

|   |  |
|---|--|
| 1 |  |
|---|--|

|   |  |
|---|--|
| 2 |  |
|---|--|

## Question 2: Text Input

3 marks

The variety of plants, animals and micro-organisms in all the habitats of the world is called Earth's ...

|  |
|--|
|  |
|--|

## Question 3: True/False

2 marks

A butterfly is an invertebrate.

|      |
|------|
| TRUE |
|------|

|       |
|-------|
| FALSE |
|-------|



**This image refers to question: 4**



**Question 4: Please Fill In The Blanks**

4 marks

**Study the picture** and complete the following sentence:

The (1) plants have (2) roots.

Possible Answers: dicotyledonous | monocotyledonous | adventitious | tap

|          |  |
|----------|--|
| <b>1</b> |  |
|----------|--|

|          |  |
|----------|--|
| <b>2</b> |  |
|----------|--|

**Question 5: Please Fill In The Blanks**

4 marks

Angiosperms (flowering plants) can be dicotyledons. Di means (1) and cotyl means (2) .

Possible Answers: one | two | seed lobe | seed food

|          |  |
|----------|--|
| <b>1</b> |  |
|----------|--|

|          |  |
|----------|--|
| <b>2</b> |  |
|----------|--|

**This image refers to question: 6**



**Question 6: Multiple Choice**

4 marks

Which one of the following characteristics is NOT true of a locust?

- |          |                                                                                      |
|----------|--------------------------------------------------------------------------------------|
| <b>A</b> | A locust has five eyes.                                                              |
| <b>B</b> | A locust has three pairs of legs and two pairs of wings.                             |
| <b>C</b> | A locust has a leather-like skeleton on the outside of its body.                     |
| <b>D</b> | A locust's body is divided into two parts, namely the cephalothorax and the abdomen. |
-

**This image refers to question: 7**



**Question 7: True/False**

2 marks

This plant is a monocotyledon.

**TRUE**

**FALSE**

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**Question 8: True/False**

2 marks

The main function of sepals is to protect flower buds.

**TRUE**

**FALSE**

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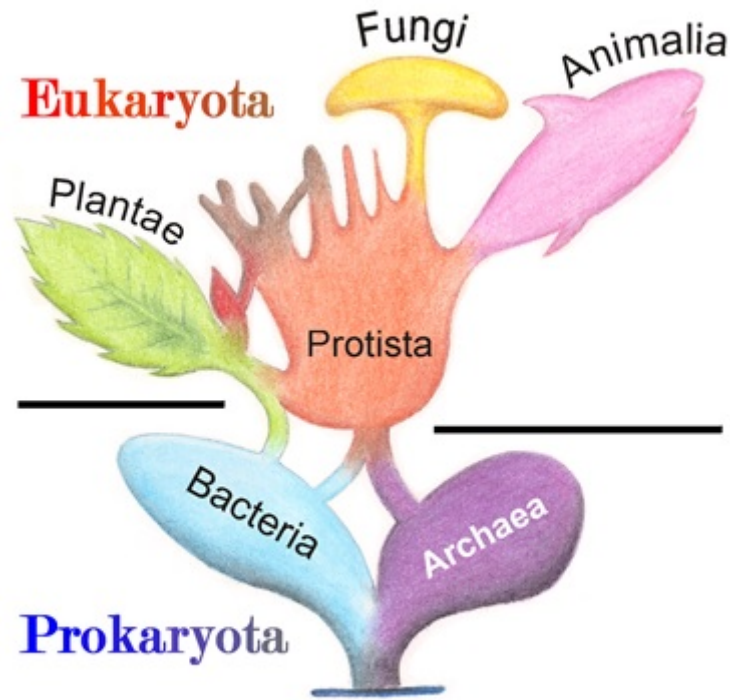
**Question 9: Multiple Choice**

4 marks

Which one of the following changes does NOT typically occur during puberty?

- |          |                                                                  |
|----------|------------------------------------------------------------------|
| <b>A</b> | The shape of a male's vocal chords change and his voice deepens. |
| <b>B</b> | A female's hips become wider.                                    |
| <b>C</b> | Both males and females develop more hair on their bodies.        |
| <b>D</b> | A female's eyesight and hearing weakens slightly.                |
-

**This image refers to question: 10**



[https://commons.wikimedia.org/wiki/File:Tree\\_of\\_Living\\_Organisms\\_2.png](https://commons.wikimedia.org/wiki/File:Tree_of_Living_Organisms_2.png)

**Question 10: True/False**

2 marks

The Bacteria Kingdom is made up of bacteria and archaeobacteria.

**TRUE**

**FALSE**

**Question 11: True/False**

2 marks

Pollination plays an important role in the production of crops that are food sources for humans.

**TRUE**

**FALSE**

**Question 12: Please Fill In The Blanks**

6 marks

The only kingdom which relies totally on photosynthesis for food is the (1) .

Bacteria and (2) live on dead organic material.

Some Bacteria and some (3) are parasites.

Possible Answers: Plants | Animals | Fungi | Protista | Bacteria

|          |  |
|----------|--|
| <b>1</b> |  |
| <b>3</b> |  |

|          |  |
|----------|--|
| <b>2</b> |  |
|----------|--|

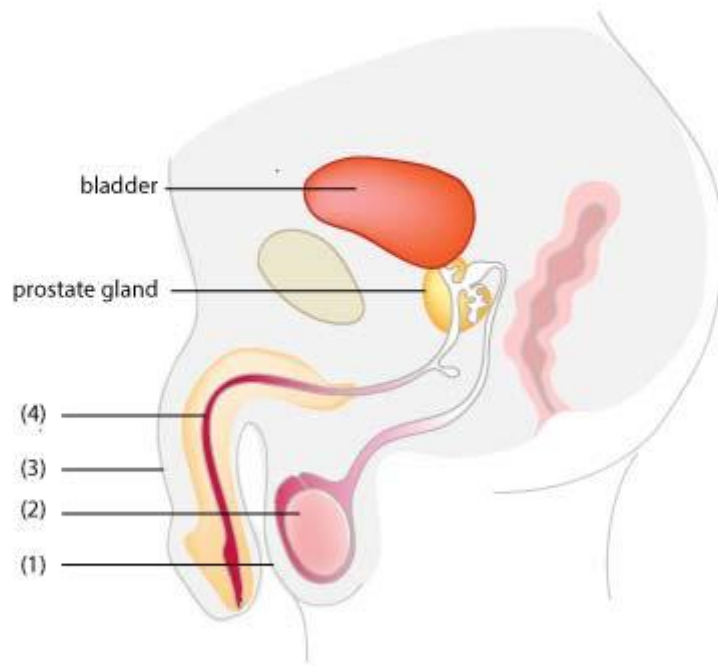
**Question 13: True/False**

2 marks

Some bacteria are very useful.

|             |              |
|-------------|--------------|
| <b>TRUE</b> | <b>FALSE</b> |
|-------------|--------------|

**This image refers to question: 14**



**Question 14: Please Fill In The Blanks**

8 marks

The graphic shows the male reproductive organs. Identify the correct labels:

Label 1: (1) .

Label 2: (2) .

Label 3: (3) .

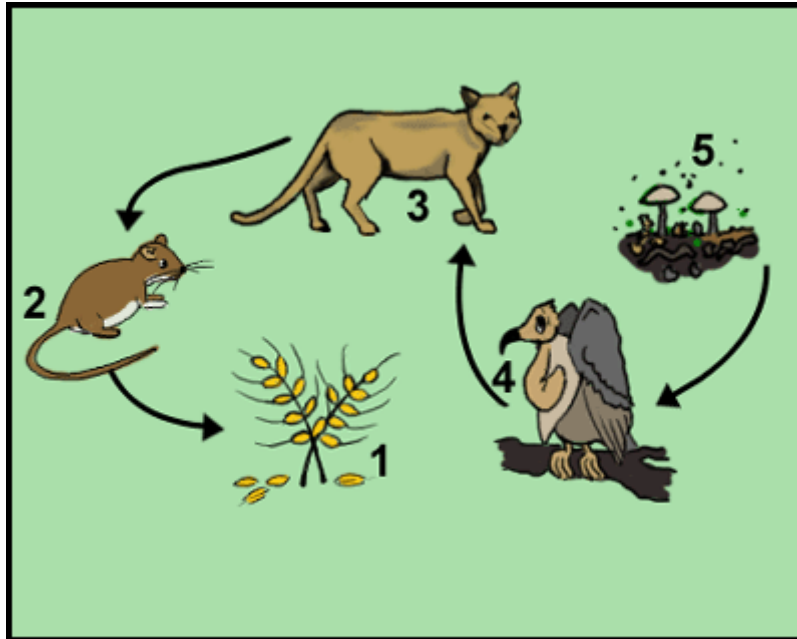
Label 4: (4) .

Possible Answers: urethra | testicle | rectum | scrotum | liver | sperm duct | appendix | penis

|          |  |
|----------|--|
| <b>1</b> |  |
| <b>3</b> |  |

|          |  |
|----------|--|
| <b>2</b> |  |
| <b>4</b> |  |

**This image refers to question: 15**



**Question 15: Please Fill In The Blanks**

4 marks

To prevent the world being littered with dead organisms, nature has provided (1) . Another example of this would be (2) such as bread mould.

Possible Answers: fungi | mushrooms | decomposers | composers | bacteria | fleas

|          |  |
|----------|--|
| <b>1</b> |  |
|----------|--|

|          |  |
|----------|--|
| <b>2</b> |  |
|----------|--|

**Question 16: Multiple Choice**

4 marks

Young people in the age category of 11 to 17 experience changes in their bodies. The body parts that develop are concerned with ...

- |          |              |
|----------|--------------|
| <b>A</b> | digestion    |
| <b>B</b> | reproduction |
| <b>C</b> | growing      |
| <b>D</b> | diseases     |

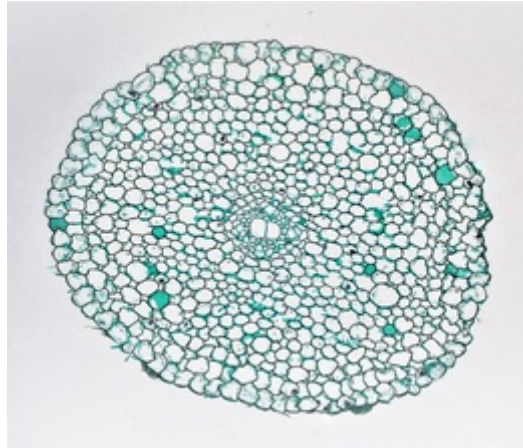
**Question 17: True/False**

2 marks

Humans belong to the class mammalia and the order primata. This means that mammals are a smaller group of animals than primates.

**TRUE****FALSE**

**This image refers to question: 18**

**Question 18: Text Input**

3 marks

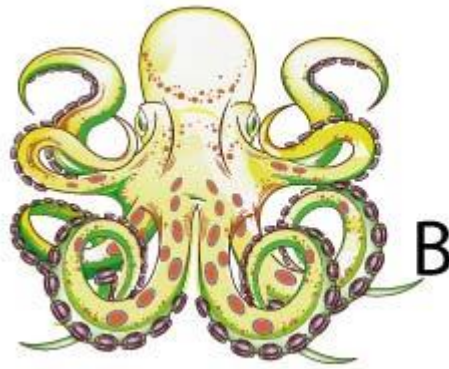
This is a cross section of the stem of a ...cotyledonous plant.

(Give the missing letters only.)

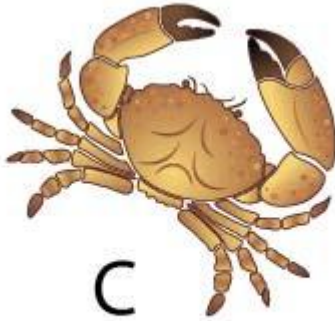
**This image refers to question: 19**



A



B



C



D

### Question 19: Multiple Choice

4 marks

Which one of the animals in the graphic does not fit?

|          |   |
|----------|---|
| <b>A</b> | A |
| <b>B</b> | B |
| <b>C</b> | C |
| <b>D</b> | D |

### Question 20: Please Fill In The Blanks

6 marks

Identify the animals and/or organisms that would fit this food chain:

1. Producer (1) , 2. Primary Consumer (2) and 3. Secondary Consumer (3) .

Possible Answers: impala | eagle | butterfly | seeds | lion | grass

|          |  |
|----------|--|
| <b>1</b> |  |
| <b>3</b> |  |

|          |  |
|----------|--|
| <b>2</b> |  |
|----------|--|

**This image refers to question: 21**



**Question 21: Multiple Choice**

4 marks

A snail has eyes on ... .

- |          |                                        |
|----------|----------------------------------------|
| <b>A</b> | the front of its foot                  |
| <b>B</b> | the end of each of the long tentacles  |
| <b>C</b> | the end of each of the short tentacles |
| <b>D</b> | the top of the shell                   |
- 

**This image refers to question: 22**



**Question 22: Text Input**

3 marks

Complete the sentence using **one word** only.

This is a picture of an organism belonging to the ... Kingdom.

|  |
|--|
|  |
|--|

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**This image refers to question: 23**



**Question 23: Multiple Choice**

4 marks

The King Protea has a ... stem.

- |          |             |
|----------|-------------|
| <b>A</b> | green, hard |
| <b>B</b> | brown, soft |
| <b>C</b> | woody       |
| <b>D</b> | soft        |
- 

**Question 24: Multiple Choice**

4 marks

Proteas belong to the ... Kingdom.

- |          |          |
|----------|----------|
| <b>A</b> | Protista |
| <b>B</b> | Plant    |
| <b>C</b> | Bacteria |
| <b>D</b> | Animal   |
-

**This image refers to question: 25**



**Question 25: Text Input**

3 marks

Crustaceans like crabs and crayfish have ... pairs of legs.

Only type the **correct number**.

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**Total:** 90 Marks