Noah's Ark Independent Primary School

Subject: Natural Science	Examiner: Moyo, S.
Type: Summative Term 1	Moderator: Matongo, N.
Date: 11 March 2022	Grade: 7-S
Marks: 70 Marks	Time: 1 hour 45 minutes

Name:

Instructions

- Read the questions carefully before you start writing.
- Make sure you answer All the questions.
- Write neatly and legibly.

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1. Multiple Choice. (10)

1.1 H.I.V. stands for

A humans infected with virus

B human dependency virus

C human immune-deficiency virus

D human instigated virus

1.2 _____ are methods used to prevent pregnancy.

A condoms

B injections

C pills

D contraceptives

1.3 The period of time between implantation of the fertilised egg in a woman's uterus to the birth of a baby is _____

A fertilisation

B menstruation

C pollination

D pregnancy

1.4 _____ is the loose pouch-like sac of skin that hangs behind the penis and contains the testes.

A scrotum

B scurotum

C semen

D scrootum

1.5 When the pollen grains from one flower are transferred to the flower of a different plant, it is called _____.

A bio-pollination

B cross-pollination

C multi-pollination

D plants pollination

1.6 The female part of the reproduction system of a flower is _____.

A stamen

B stigma

C pistil

D style

1.7 The male part of the reproduction system of a flower is _____.

A stamen

B stigma

C pistil

D style

1.8 The largest biological system on Earth is a/an ____.

A ecosystem

B biosphere

C habitat

D environment

1.9 Arachnids are animals that have _____.

A An exoskeleton

B An exoskeleton and six jointed legs

C An exoskeleton and eight jointed legs

D An exoskeleton and ten jointed legs

1.10 Flowering plants that have enclosed seeds are _____.

A angiosperms

B gymnosperms

C monocotyledons

D dicotyledons

2. Study the images below then answer the following questions.

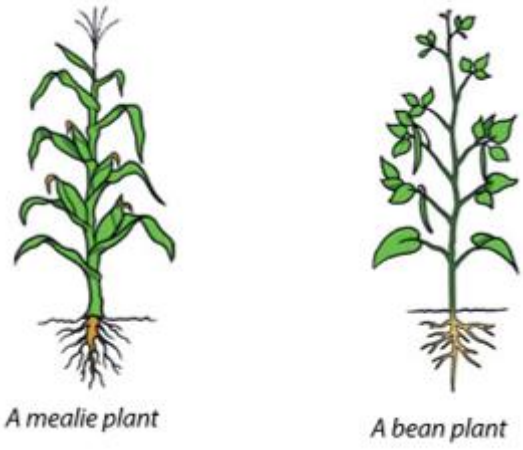

Figure 1: Spot On Natural Science Grade 7 Learner's Book, Page 23

2.1 Explain why angiosperms are different to all other plants in the plant kingdom. (6)

_____
_____
_____
_____
_____
_____
_____
_____

2.2 Of the two plants above, identify which one is a monocotyledon and a dicotyledon. (2)

Monocotyledon: _____

Dicotyledon: _____

2.3 Justify your answer in question 2.2 (10)

_____
_____
_____
_____
_____
_____

_____

_____

3. Use the image below to answer the questions which follow.

Figure 2: Platinum Natural Science Grade 7 Learner's Book, Page 15

3.1 Is the above animal a vertebrate or invertebrate? (1)

_____

3.2 In a table, distinguish the characters of amphibians and mammals using brief explanations. (8)

Characteristics	Amphibians	Mammals
Habitat		
Reproduction		
Respiration method		
Fertilisation		

3.3 Of the two animals in question 3.2 one is warm blooded. Which one? (1)

_____

3.4 Explain the phrase warm-blooded? (2)

_____

_____

_____

4. Use the image below to answer the following questions.

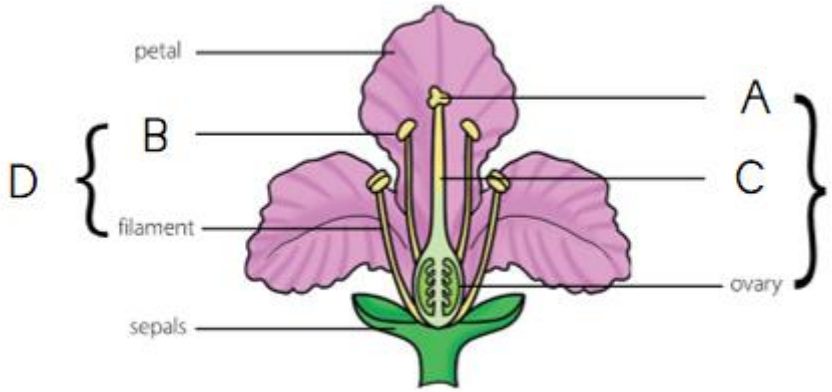

Figure 3: Spot On Natural Science Grade 7 Learner's Book, Page 27

4.1 Name the parts in the image above. (4)

A _____

B _____

C _____

D _____

4.2 Distinguish between bisexual and unisexual flowers. (4)

_____

_____

_____

_____

4.3 Name the flower above as unisexual or bisexual. (1)

_____

5. Give a scientific term for the following explanations.

5.1 A fertilised egg. _____ (1)

5.2 The process in which an organism will change its form completely during its life cycle. E.g. a caterpillar develops into a butterfly.
_____ (2)

5.3 Animals that live mostly or entirely on land. _____ (1)

6. Fatima is worried. She started having her period and menstruated every month for four months. Now it's the sixth month and she has not had a period. She has not had sex but is worried that she may somehow be pregnant. Reassure Fatima by explaining to her some important facts. (4)

_____

_____

_____

_____

7. Why do women menstruate? (4)

_____

_____

_____

_____

8. Answer the questions about puberty.

8.1 List four emotional changes that may occur during puberty. (4)

_____

_____

_____

_____

8.2 Explain why these emotional changes happen during puberty. (2)

_____

_____

_____

9. Use the image below to answer the following questions.

Figure 4: Platinum Natural Science Grade 7 Learner's Book, Page 56

9.1 What is the differences of the above cats called? (1)

_____

9.2 Explain the term species. (2)

_____

_____

____ / 70 Marks