



# Noah's Ark Independent Primary School

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

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

## Instructions

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

I. Multiple Choice. (10)

I.1 H.I.V. stands for

- A humans infected with virus
- B human dependency virus
- C human immune-deficiency virus
- D human instigated virus

I.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.



A mealie plant



A bean plant

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)

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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)

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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		

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

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3.4 Explain the phrase warm-blooded? (2)

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

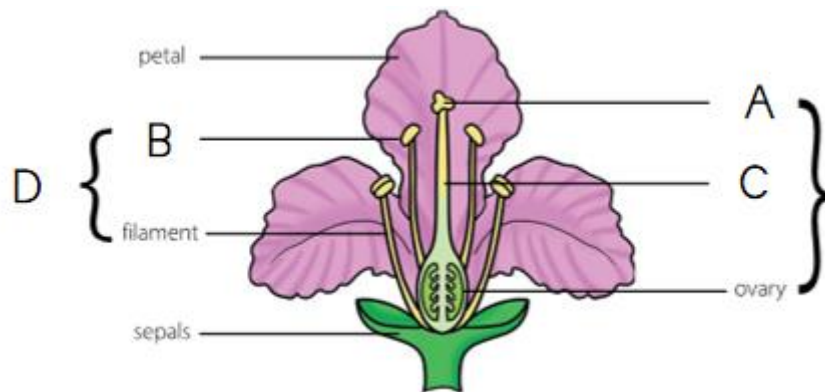


Figure 3: Spot On Natural Science Grade 7 Learner's Book, Page 27

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

A -----

B -----

C -----

D -----

4.2 Distinguish between bisexual and unisexual flowers. (4)

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

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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)

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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)

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7. Why do women menstruate? (4)

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8. Answer the questions about puberty.

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

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

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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)

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9.2 Explain the term species. (2)

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\_\_\_\_\_ / 70 Marks