



Noah's Ark Independent Primary School

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| Subject: Natural Science | Examiner: Moyo, S. |
| Type: Summative Term / | Moderator: Rwizi, A. |
| Date: 7 April 2021 | Grade: 7 Springboks |
| 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.

1. Give one word for each of the following descriptions. (3)

1.1 The vertebrate class that gives birth to live young.

1.2 The classification of a plant if the flower has three petals.

1.3 The method of seed dispersal when seeds are very light and or have wings. _____

2. Multiple choice questions, circle the best answer. (4)

2.1 The part of the biosphere where you will most likely find fish, dolphins and whales living is the _____.

- A Atmosphere
- B Hydrosphere
- C Stratosphere
- D Lithosphere

- 2.2 Yeast produces carbon dioxide. Which phylum do we place yeast in?
- A Bacteria
 - B Protista
 - C Fungi
 - D Plants
- 2.3 A spider is an arthropod. We classify it as an arachnid because it has _____.
- A a soft body covered in a shell.
 - B an exoskeleton
 - C three body parts
 - D eight legs
- 2.4 The part of a flower that produces pollen is the _____.
- A Anther
 - B Filament
 - C Ovary
 - D Stigma

3. We can tell whether or not an organism is alive by checking if it carries out all the seven life processes. For each example that follows, identify the life processes and explain the benefit to the underlined organism.

3.1 A flower opens when sunlight falls on it. (3)

3.2 A zebra runs away from a lion. (2)

3.3 A fish opens its gills to allow water to flow through them. (2)

4. Sexual reproduction between humans can only happen once both partners reach puberty.

4.1 List three visible signs of puberty experienced by both boys and girls. (3)

4.2 Name one visible change experienced by only girls. (1)

4.3 Describe how sperm leaves the male body and enters the female body during sexual intercourse. (4)

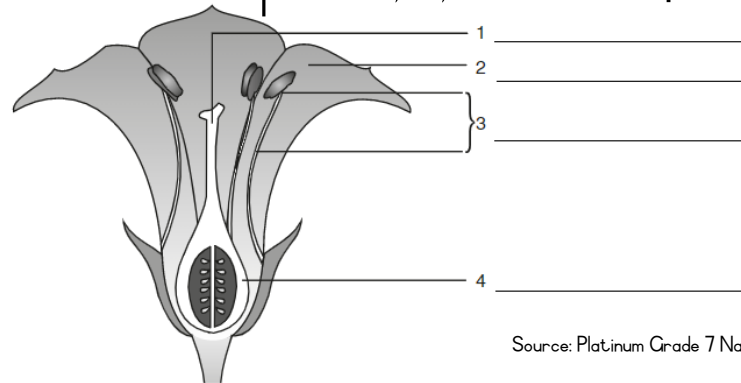
5. Unwanted pregnancy is a cause of fatal abortions.

5.1 Suggest one method of preventing unwanted pregnancy and explain how the methods work. (3)

5.2 Suggest the possible effects of unwanted pregnancy to the girl child. Give your answer in a paragraph. (10)

6. Look at the diagram below.

6.1 Provide labels for the parts 1, 2, 3 and 4. (4)



Source: Platinum Grade 7 Natural Science, Teacher's Guide, page 131

6.2 Explain the functions of part 1 and 3. (4)

6.3 Describe how this flower is pollinated. (2)

7. Answer the following questions.

7.1 Compare monocotyledons and dicotyledons in a table. (10)

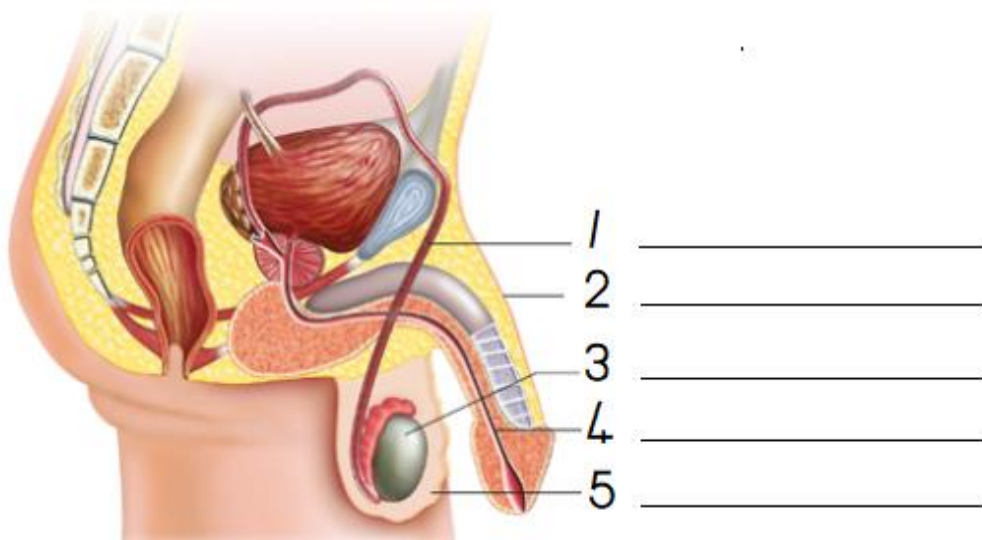
7.2 To which class of plants does the monocotyledons and dicotyledons belong to. (1)

7.3 Describe how this flower is adapted for its specific method of pollination. (5)



Source: Grade 7 Platinum Natural Science Learner's Book, page 33 (Picture C)

8. Look at the diagram below then answer the questions.



Source: Grade 7 Oxford Successful Natural Science Learner's Book, page 45

8.1 Label the above male reproductive organ. (5)

8.2 What is the function of part number 5. (2)

83 Name two sexually transmitted diseases that can cause sores on part number 2. (2)

____ / 70 Marks