



SCIENCE TEST

7th Grade – I Partial



Student's Name: _____

Teacher's Name: Mr. Guierrez Score: _____

School Year: 2020 – 2021 Points: **35%**

Topics: Scientific Reasoning, Flowering Plants
Monocot Families, Leaves, Photosynthesis and
Respiration

Date: _____

Teacher Comment:

PART I. TRUE OR FALSE

10 pts. (1 pts. each)

INSTRUCTIONS: Write in the parenthesis a **T** if the statement is true and an **F** if it is false. If the answer is false, justify your answer by filling in the blank.

1. **Inference** is a conclusion based on reasoning from evidence
2. **Logicians** are people who likes to talk about science
3. **Green Plants** are among the most important of God's provisions for life on Earth
4. **Petals** often serve to attract insects or birds that pollinate the plant
5. **Pollination** is the transfer of polen from the anther to the stigma
6. **Fertilization** is when the plant is death and becomes fertilizer
7. **Pollination and Fertilization** are crucial in the reproductive cycle of a plant
8. Bees, moths, ants, bats, and some birds are called **pollinators**
9. **Dicots** are plants that have one cotyledon
10. **Monocots** are plants that have two or more cotyledons

7 pts. (1 pt. each)

COLUMN A

COLUMN B

- | | |
|-----------------------|--|
| 1. Composite Family | - apple, cherry, peach, roses, apricot, blackberry, raspberry, and almond. |
| 2. Pea Family | - columbine, peony, buttercup, and larkspur. |
| 3. Rose Family | - asters, sunflowers, daisies, and black-eyed Susan's. |
| 4. Buttercup Family | - catnip, basil, sage, marjoram, and thyme. |
| 5. Mint Family | - snowball bush and honeysuckle. |
| 6. Honeysuckle Family | - vetch, sweet peas, wisterias, locust trees, and mimosa trees. |
| 7. Parsley Family | - African lily, dill, parsnip, close-up umbel, and Queen Anne's lace. |

10 pts. (1pt. each)

1. The study of reasoning. (1 pt.)

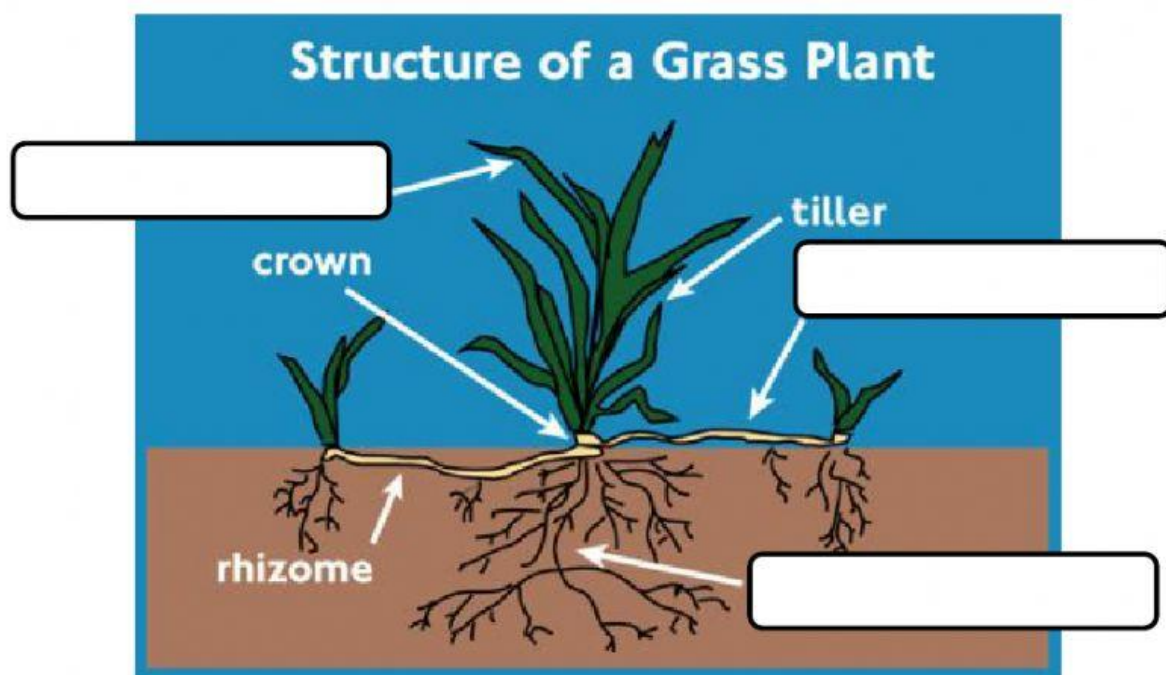
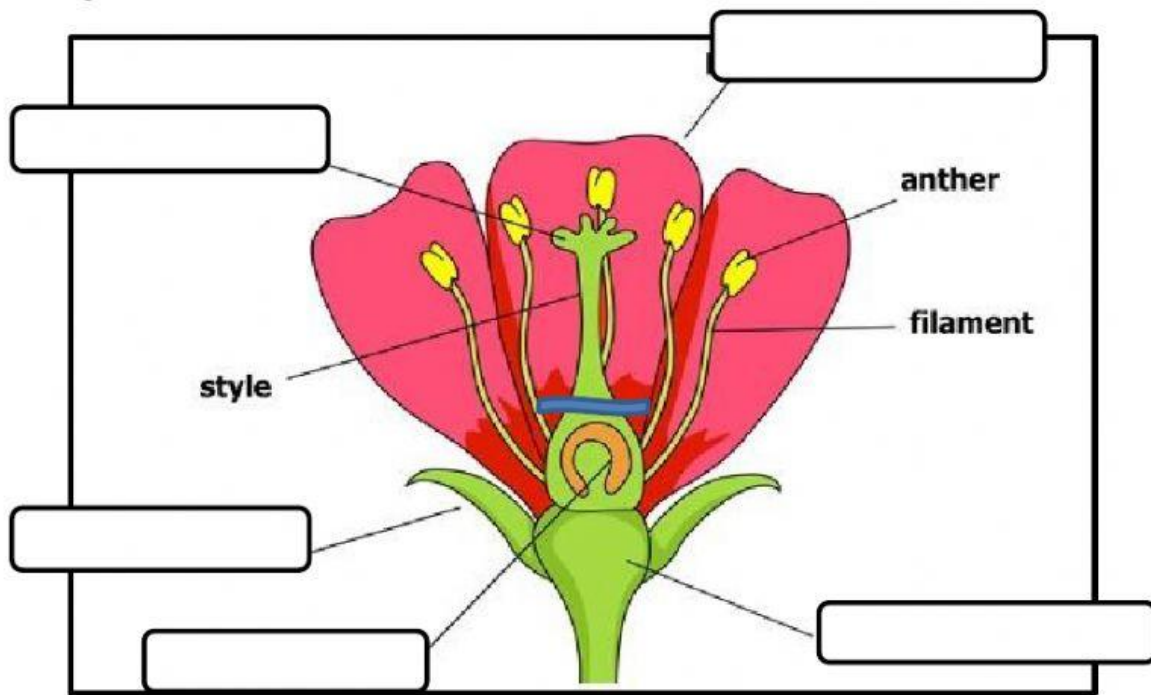
- a) Scientist b) Logic c) inference
2. Uses more general evidence to make a specific inference. **(1 pt.)**
a) Deductive Reasoning b) Scientific Reasoning c) Inductive Reasoning
3. Uses specific evidence to make a general inference. **(1pt.)**
a) Deductive Reasoning b) Scientific Reasoning c) Inductive Reasoning
4. Scientists specialized in plants. **(1pt.)**
a) Botany b) Botanist c) Bio Scientists
5. Basic design and primary function of all flowers **(1pt.)**
a) Reproduction of the plant b) Provide Food c) Help to the air
6. Leaf-like structures that surround the base of the petals. **(1pt.)**
a) Petals b) Stamens c) Sepals
7. Means being pollinated by its own pollen. **(1pt.)**
a) Self-pollination b) Own-pollination C) Individual pollen
8. Transfer of pollen from one flower to another. **(1pt.)**
a) Mix-pollination b) Cross-pollination C) Pollen tube
9. Male reproductive cell in the flowers reproduction. **(1pt.)**
a) Egg cell b) Sperm cell C) A and B are correct
10. Female reproductive cell in the flowers reproduction. **(1pt.)**
a) Egg cell b) Sperm cell C) A and B are correct

C) A and B are correct

PART V. PRACTICE

8 pts. (1 pt. each)

INSTRUCTIONS: Complete the Diagram writing parts of the Flower and the parts of a Grass Plant that are missing.



Don't limit your challenges, challenge your limits.

Mr. Gutierrez