

STUDENT EXAM (Completed Answers)

(Total: 100 Points)

Student Name: _____

Date: _____

Exam Instructions:

- Each question begins with: `Question X:`
- Then `Points:` `X`, indicating the maximum for that question.
- Then the student's typed response (e.g. `Student Answer: ...`).
- Make sure all 15 questions are answered.

Question 1: The Earth is the third planet from the Sun. True or False?

Points: 6

Student Answer: False. I believe Earth might be the fourth planet.

Question 2: Which of the following elements is the most abundant gas in the Earth's atmosphere?

1. Oxygen
2. Hydrogen
3. Nitrogen
4. Carbon Dioxide

Points: 10

Student Answer: I think it is A) Oxygen.

Question 3: Solve the equation: $2x + 3 = 9$. What is the value of x ?

Points: 6

Student Answer: $x = 2$

Question 4: What is the capital city of France?

Points: 3

Student Answer: It's definitely Paris.

Question 5: Fill in the blank: The process by which green plants use sunlight to make food from carbon dioxide and water is called _____.

Points: 8

Student Answer: It is called respiration.

Question 6: Which literary device involves a direct comparison using “like” or “as”?

Points: 4

Student Answer: It’s a metaphor.

Question 7: Write a short paragraph (2–3 sentences) explaining the importance of recycling.

Points: 15

Student Answer: Recycling helps reduce waste and saves resources. It’s good for the planet. Everyone should recycle to protect the environment.

Question 8: Determine if the following statement is *Fact* or *Opinion*: “Strawberries taste better than oranges.”

Points: 3

Student Answer: Fact, because it’s obviously true.

Question 9: Which organ in the human body is primarily responsible for filtering blood and producing urine?

Points: 6

Student Answer: The liver.

Question 10: List at least two advantages of using electric cars over gasoline-powered cars.

Points: 8

Student Answer: They don’t use gas, so it’s cleaner for the environment. Also, they accelerate quickly.

Question 11: Which of the following historical figures is known for the theory of relativity?

1. Isaac Newton
2. Albert Einstein
3. Galileo Galilei
4. Stephen Hawking

Points: 5

Student Answer: Stephen Hawking.

Question 12: True or False? Water (H₂O) is composed of two hydrogen atoms and one oxygen atom.

Points: 3

Student Answer: True, it has hydrogen and oxygen.

Question 13: In one or two sentences, describe the function of the CPU (Central Processing Unit) in a computer.

Points: 10

Student Answer: The CPU stores data and runs everything in the computer. It’s basically in charge of all the processing tasks.

Question 14: Which color do you get when you mix yellow and blue paint?

Points: 3

Student Answer: You get green.

Question 15: Provide a brief definition of biodiversity.

Points: 10

Student Answer: It's the variety of plants and animals living in the world.

END OF STUDENT EXAM

(Total = 100 Points)