

Name: _____

Date: _____

Geography: Physical Systems Test

Multiple-Choice (Selected response, 2 points: 1 point each)

Directions: From the given choices, circle the correct answer for each question. Each question contains only one correct answer.

1. In the state of Indiana, which season typically receives the most amount of sunlight?

- a. Winter
- b. Fall
- c. Summer
- d. Spring

2. How many different seasons are in a year?

- a. 12
- b. 2
- c. 5
- d. 4

Matching (Selected response, 3 points: 1 point each)

Directions: Match the terms on the left with the correct definition on the right by putting the correct letter in the blank. Each letter will only be used once.

_____ 3. Climate

a. degree of hotness or coldness that can be measured using a thermometer, measured in degrees on the Fahrenheit or Celsius

_____ 4. Weather

b. average weather conditions at a particular place over a long period of time

_____ 5. Temperature

c. the day-to-day conditions of a particular place

True/False (Binary choice, 2 points: 1 point each)

Directions: Fill in the blanks by writing the correct letter, "T" or "F".

_____ 6. Rain is water falling in drops from vapor condensed in the atmosphere.

_____ 7. Clouds are air moving from an area of high pressure to an area of low pressure.

Fill-in-the-Blank (Constructed response, 2 points: 1 point each)

Directions: Fill in the blanks by writing the correct answers. There are no two exact answers.

8. List two temperatures in degrees Fahrenheit that are warmer than 32 degrees Fahrenheit. _____ and _____

Short Answer (Constructed response, 4 points)

Directions: In incomplete sentences, write your answer to the question on the lines provided.

9. Picture yourself sitting outside on a fall afternoon. In bulleted points, list four characteristics (things you may see, feel, hear) about fall. Your answer should include weather patterns such as precipitation, temperature, rainfall; and the environment.

Essay (Constructed response, 10 points)

Directions: In paragraph form, answer the following question(s) on the lines provided.

10. In 3 to 6 complete sentences, explain the difference between weather and climate. Then, compare the weather and climate of a typical summer day in Indiana to a typical winter day in Indiana.

Essay Scoring Key

	No Answer 0 points	Needs Improvement 1 point	Adequate 3 points	Quality 5 points
Content 5 points (Degree to which content is discussed in detail)	Did not answer question.	*Answer is partial, incomplete, or inaccurate. Key points are unclear. Question not adequately answered. -Does not write in complete sentences. -Does not include at least 3 sentences. -Does not accurately explain difference between climate and weather.	*Key points are addressed in 3 to 6 complete sentences, but are not well supported. -Explains difference between climate and weather, but does not accurately compare weather and climate of a summer and winter day in Indiana.	*Answers are accurate and complete. Key points are stated and supported in 3 to 6 complete sentences. -Explains difference between climate and weather, and accurately compares weather and climate of a summer and winter day in Indiana.
Writing Conventions 5 points (Degree to which spelling, punctuation, grammar, and complete sentences are used)	Did not answer question.	*Displays four or more errors in spelling, punctuation, grammar, and sentence structure. -Four errors minimum for all conventions combined.	*Displays two or three errors in spelling, punctuation, grammar, and sentence structure. -Two errors minimum and three errors maximum for all conventions combined.	*Displays one or zero errors in spelling, punctuation, grammar, and sentence structure. -One error maximum for all conventions combined.