1. Which county has the highest average temperature from May to September across all the years?

a. Miami Dade

b. Broward

c. Sacramento

d. Fresno

e. Dane

2. Which county had the highest precipitation amount from 2010 through 2020?

a. Miami Dade

b. Broward

c. Fresno

d. Sacramento

e. Adams

3. In Miami Dade, which month has the highest precipitation when average temperatures are between 75 and 85?

a. May

b. June

c. July

d. August

e. September

4. In which county does rain and average temperature have the highest correlation?

a. Miami Dade

b. Broward

c. Fresno

d. Sacramento

e. Dane

5. In which State does the total sunshine have the strongest correlation to the average temperature?

a. Florida

b. New York

c. California

d. Wisconsin

6. When determining if temperature differences between Broward and Miami Dade are significant, which test would be appropriate?

a. Paired T-Test

b. Unpaired T-Test

c. Mann-Whitney-Wilcoxon

d. Tukey HSD

e. Chi-Square

7. In Miami Dade, how much rain in inches is predicted when the temperature is 80 degrees?

a. 0.57

b. 0.67

c. 0.58

d. 0.77

e. 0.87

8. When comparing to July 2020, how many degrees higher or lower are temperatures in Florida expected be in July 2023?

a. 83.2

b. 83.6

c. 84.0

d. 84.6

e. 85.6

9. On average, how much rain is forecasted in Miami Dade during the next 12 months (October 1, 2020 to September 30, 2021)?

a. 0.35

b. 0.21

c. 0.29

d. 0.28

e. 0.33

10. Predict rain given temperature in the state of Wisconsin. How much rain is expected when temperature is 70?

a. 0.26

b. 0.46

c. 0.49

d. 0.65

e. 0.33