

Correct answer

### Question 1

1 / 1 pts

True/False. A persistence forecast assumes that weather systems will continue to move in the same direction and speed, unless some unexpected force intervenes

☐ True

☒ False

Correct answer

### Question 2

1 / 1 pts

Is the trend forecast more accurate for long or short periods of time?

☐ Long periods

☒ Short periods

☐ Both

Correct answer

### Question 3

1 / 1 pts

True/False. Numerical weather prediction uses mathematical equations which relate atmospheric conditions with other variables. The system of equations represents the physical laws that govern the behavior of the atmosphere. The computer applies the model to the current atmospheric conditions to forecast minutes in the future. The process is repeated many times to create a prediction for the next day or two.



☒ True

☐ False

Correct answer

### Question 4

1 / 1 pts

Normally, how often do airports record a weather observation?

☐ Every 12 hours

☐ Every 4 hours



☒ Every hour

Correct answer

### Question 5

What type of weather events can be accurately predicted four days in advance?

- ☒ large storms and major heat waves
- ☐ fog
- ☐ rain