

SIO 15 (FQ 2024) – Test 3 Homework #1 Questions

- 1) Which 2024 hurricane made landfall in Florida's Big Bend area?
 - a) Hurricane Beryl
 - b) Hurricane Isaac
 - c) Hurricane Helene
 - d) Hurricane Milton
 - e) Hurricane Leslie
- 2) In which state did 2024 Hurricane Helene make landfall?
 - a) Texas
 - b) Louisiana
 - c) Florida
 - d) Alabama
 - e) Georgia
- 3) Which type of severe weather has had the higher fatality rate in the U.S., in the last 30 years?
 - a) hurricanes
 - b) heat waves
 - c) lightning strikes
 - d) tornadoes
 - e) cold snaps
- 4) More elderly people die in the U.S. during a week-long heat wave than during a week of normal weather.
 - a) true
 - b) false
- 5) Which type of energy is associated with a resting apple that is hanging on a tree?
 - a) heat
 - b) potential
 - c) kinetic
 - d) rotational
- 6) When an apple falls from a tree, which type of energy does it gain?
 - e) heat
 - f) kinetic
 - g) potential
 - h) rotational
- 7) Earth's surface receives more heat from within than from the Sun.
 - a) true
 - b) false

- 8) Which of these is NOT a terrestrial planet?
- a) Mercury
 - b) Earth
 - c) Mars
 - d) Neptune
 - e) Venus
- 9) What kind of celestial body is Ceres?
- a) comet
 - b) planet
 - c) asteroid
 - d) dwarf planet
 - e) c) and d)
- 10) Between which two planets do we find Ceres?
- a) Mercury and Venus
 - b) Venus and Earth
 - c) Earth and Mars
 - d) Mars and Jupiter
 - e) Jupiter and Saturn
- 11) How often do we have spring tides?
- a) 2 times a day
 - b) 2 times a month
 - c) 2 times a year
 - d) Every few years
- 12) About how much of Earth's radius is taken up by the core?
- a) 15%
 - b) 25%
 - c) 55%
 - d) 75%
 - e) 95%
- 13) Which of these is NOT one of the two angles that describes the orientation of a magnetic field line?
- a) inclination
 - b) strike
 - c) declination

14) Which of these states in Mexico has the largest population?

- a) Jalisco
- b) Colima
- c) Michoacan
- d) Guerrero
- e) Oaxaca

15) In which of these states in Mexico do we find Acapulco?

- f) Jalisco
- g) Colima
- h) Michoacan
- i) Guerrero
- j) Oaxaca