

## Earth Quiz

1. What is the approximate diameter of the Earth?
  - a) 1,300 km
  - b) 13,000 km
  - c) 130,000 km
  
2. Which of these best describe the shape of the Earth?
  - a) Cuboid
  - b) Spheroid
  - c) Oblate Spheroid
  
3. 70% of Earth's surface is covered by..?
  - a) Land
  - b) Water
  - c) Crust
  
4. The Earth's axis is tilted by..?
  - a) 23.5°
  - b) 45°
  - c) 90°
  
5. The sky is blue because..?
  - a) It is always blue, night-time turns it black
  - b) The red part of sunlight gets scattered by Nitrogen
  - c) The blue part of sunlight gets scattered by Nitrogen

6. Which of these is a form of chemical pollution that affects astronomers?

- a) Volcanic ash
- b) Cigarettes
- c) Oil Spills

7. What is the main form of optical pollution that affects astronomers?

- a) Too much artificial light from towns
- b) Too many people shining torches into the sky
- c) Too many adverts for opticians on TV polluting our airwaves

8. Latitude is..?

- a) How far a position is north or south of the equator
- b) How far a position is east or west of the Greenwich Meridian

9. Longitude is..?

- a) How far a position is north or south of the equator
- b) How far a position is east or west of the Greenwich Meridian

10. Which of these means the imaginary line in the sky between the observers Pole and Zenith?

- a) Latitude
- b) Horizon
- c) Meridian

11. Which of these terms mean the point in the sky directly above the observer?

- a) Zenith
- b) Meridian
- c) Nadir

12. Internal layer of Earth of liquid iron and nickel that generates magnetic field current..?

- a) Crust
- b) Mantle
- c) Outer core
- d) Inner core

13. The Sun is visible at 90 degrees at the zenith at least one day of the year in this location..?

- a) Between the Tropics of Cancer and Capricorn
- b) Within the Arctic and Antarctic Circles

In the doldrums

14. The Astronomical Unit is a measurement of how far the Earth is from..?

- a) The Moon
- b) The Ecliptic
- c) The Sun

## Answers

1. (b)
2. (c)
3. (b)
4. (a)
5. (c)
6. (a)
7. (a)
8. (a)
9. (b)
10. (c)
11. (a)
12. (c)
13. (a)
14. (c)