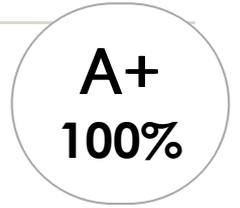


18 Multiple choice questions



1. the distance around part of the circumference of a circle
 - a. longitude
 - b. **CORRECT: arc length**
 - c. time zone
 - d. coordinates

2. a slice through a sphere that does not pass through the centre; it has a smaller radius than a great circle
 - a. **CORRECT: small circle**
 - b. kilometre
 - c. longitude
 - d. great circle

3. a circle of constant longitude passing through a given place on the earth's surface and the prime meridian
 - a. Equator
 - b. **CORRECT: meridian**
 - c. prime meridian
 - d. latitude

4. small circle running around the earth's surface, parallel to and measured north or south of the Equator
 - a. small circle
 - b. longitude
 - c. **CORRECT: parallel of latitude**
 - d. latitude

5. the zero degree of longitude that passes through Greenwich in London; the longitude of any point on the earth's surface is measured east or west of this
 - a. meridian
 - b. **CORRECT: Greenwich Meridian**
 - c. prime meridian
 - d. great circle

6. the angular distance east or west of the prime meridian of a point on the earth's surface; the size of the angle made between the point and the prime meridian at the earth's centre
- latitude
 - CORRECT: longitude**
 - meridian
 - kilometre
7. the imaginary line that runs through the Pacific Ocean and is approximately the 180 degree meridian of longitude
- great circle
 - coordinates
 - time zone
 - CORRECT: International Date Line**
8. a scheme where clocks are turned forward an hour to take advantage of increased hours of daylight during summer
- time zone
 - latitude
 - meridian
 - CORRECT: daylight saving**
9. each of a group of numbers used to indicate the position of a point, line, or plane; used to identify places on the surface of the earth
- CORRECT: coordinates**
 - arc length
 - meridian
 - longitude
10. a zone of the world in which the time is the same for all places
- CORRECT: time zone**
 - kilometre
 - hemisphere
 - Equator

11. the zero degree parallel of latitude; the great circle running around the middle of the earth
 - a. latitude
 - b. kilometre
 - c. meridian
 - d. **CORRECT:** Equator

12. the zero degree of longitude that passes through Greenwich in London; the longitude of any point on the earth's surface is measured east or west of this; also known as the Greenwich Meridian
 - a. Greenwich Meridian
 - b. meridian
 - c. **CORRECT:** prime meridian
 - d. time zone

13. a circle formed when a slice is taken through centre of the earth; the Equator and all the meridians of longitude are examples
 - a. Equator
 - b. **CORRECT:** great circle
 - c. small circle
 - d. latitude

14. 1000 metres
 - a. time zone
 - b. **CORRECT:** kilometre
 - c. longitude
 - d. hemisphere

15. the angular separation between two objects as seen by an observer
 - a. meridian
 - b. latitude
 - c. **CORRECT:** angular distance
 - d. great circle

16. the angular distance north or south of the Equator of a point on the earth's surface; the size of the angle made between the point and the Equator at the earth's centre
- longitude
 - CORRECT: latitude**
 - Equator
 - meridian
17. half a sphere, or half of the earth e.g. the southern hemisphere
- time zone
 - kilometre
 - meridian
 - CORRECT: hemisphere**
18. the time standard commonly used across the world
- great circle
 - International Date Line
 - coordinates
 - CORRECT: Coordinated Universal Time (UTC)**