

SCI7° Final Exam Practice

Multiple Choice Activity

1. A profile view is a drawing that shows an object as though you were looking at it from which perspective?
 - a) From the side
 - b) From above Earth's surface
 - c) From below Earth's surface
 - d) From a distance
2. What does a map legend represent?
 - a) The scale of the map
 - b) A key that lists all the symbols used on a map
 - c) The direction of the map
 - d) The title of the map
3. Which statement about map projections is incorrect?
 - a) Some map projections are curved
 - b) All map projections are flat
 - c) Map projections can distort the size of land masses
 - d) Map projections help in representing the spherical Earth on a flat surface
4. A cylindrical projection distorts land near the poles in what way?
 - a) It makes land near the poles seem larger than it actually is
 - b) It makes land near the poles seem smaller than it actually is
 - c) It accurately represents land near the poles
 - d) It shows land near the poles in their true size
5. Which statement about a conical projection is true?
 - a) It shows the shapes of areas near the equator accurately
 - b) It shows the shapes of areas near the poles accurately
 - c) It is best used for mapping small areas
 - d) It distorts the shapes of areas near the equator

6. What do cylindrical and conical projections transfer?
 - a) Distances from a flat map to a sphere
 - b) Features located on a sphere to a flat map
 - c) Grid lines from a map to a globe
 - d) Locations from one hemisphere to another

7. Finding locations on a map or a globe can be done accurately using what?
 - a) Map legends
 - b) Compass roses
 - c) Grid lines called equator and prime meridian
 - d) Scale indicators

8. The Earth's equator is a type of which line?
 - a) Longitude line
 - b) Latitude line
 - c) Meridian line
 - d) Polar line

9. How do latitude lines on a globe grid system run?
 - a) From the North Pole to the South Pole
 - b) Parallel to the equator
 - c) Diagonally across the globe
 - d) Vertically along the Prime Meridian

10. Meridians are a type of which line?
 - a) Latitude line
 - b) Longitude line
 - c) Equatorial line
 - d) Polar line

11. What is the main reason for the Earth's seasons?
 - a) The Earth's orbit around the Sun
 - b) The tilt of the Earth's axis
 - c) The Earth's rotation on its axis
 - d) The movement of the Earth's tectonic plates

12. What is the primary reason why the Earth's rotation causes day and night?
- a) The Earth's tilt on its axis
 - b) The Earth's rotation on its axis
 - c) The Earth's movement around the Milky Way galaxy
 - d) The Earth's orbit around the Sun
13. What is the main difference between the inner and outer planets?
- a) Their composition and atmosphere
 - b) Their distance from the Sun
 - c) Their orbital speed and direction
 - d) Their size and mass
14. Which of the following planets are considered inner planets?
- a) Neptune and Uranus
 - b) Mercury and Venus
 - c) Mars and Jupiter
 - d) Jupiter and Saturn
15. What are the objects that are no longer considered planets in our solar system?
- a) Asteroids
 - b) Dwarf planets
 - c) Moons
 - d) Comets