1. **Which of the following best defines geography?**  
   A) The study of rocks and minerals  
   B) The study of human societies only  
   C) The study of the Earth’s physical features and human activities  
   D) The study of past human civilizations

**Answer:** C) The study of the Earth’s physical features and human activities

1. **Which of the following is a branch of physical geography?**  
   A) Climatology  
   B) Demography  
   C) Cartography  
   D) Political Geography

**Answer:** A) Climatology

1. **Why is geography important to national development?**  
   A) It helps people study ancient languages  
   B) It provides knowledge about celestial bodies  
   C) It helps in planning and managing natural resources  
   D) It teaches people how to construct buildings

**Answer:** C) It helps in planning and managing natural resources

**DOK Level 2 (Application & Conceptual Understanding)**

1. **Which of the following careers is directly related to geography?**  
   A) Lawyer  
   B) Meteorologist  
   C) Pharmacist  
   D) Accountant

**Answer:** B) Meteorologist

1. **How does human geography differ from physical geography?**  
   A) Human geography studies natural features, while physical geography studies population  
   B) Human geography focuses on human activities, while physical geography focuses on natural features  
   C) Human geography and physical geography both study rocks and landforms  
   D) There is no difference between human and physical geography

**Answer:** B) Human geography focuses on human activities, while physical geography focuses on natural features

1. **Which of these examples shows the interaction between humans and the environment?**  
   A) Measuring the length of a river  
   B) Studying the planets in the solar system  
   C) Constructing roads through a forest  
   D) Identifying different types of rocks

**Answer:** C) Constructing roads through a forest

1. **What is the largest planet in the solar system?**  
   A) Earth  
   B) Mars  
   C) Jupiter  
   D) Saturn

**Answer:** C) Jupiter

1. **Which celestial body is at the center of the solar system?**  
   A) Moon  
   B) Earth  
   C) Sun  
   D) Mars

**Answer:** C) Sun

1. **Which planet is known as the "Red Planet"?**  
   A) Venus  
   B) Saturn  
   C) Mars  
   D) Mercury

**Answer:** C) Mars

**DOK Level 2 (Application & Conceptual Understanding)**

1. **Why is Venus the hottest planet in the solar system, even though Mercury is closer to the Sun?**  
   A) Venus has an atmosphere that traps heat  
   B) Mercury is made of ice  
   C) Venus is larger than Mercury  
   D) Mercury is too small to absorb heat

**Answer:** A) Venus has an atmosphere that traps heat

1. **Which of the following correctly describes the relationship between the Sun and the planets?**  
   A) The Sun orbits around the planets  
   B) The planets orbit the Sun due to its gravitational pull  
   C) The planets move randomly through space  
   D) The Sun and planets move in opposite directions

**Answer:** B) The planets orbit the Sun due to its gravitational pull

1. **What characteristic makes Earth different from all the other planets in the solar system?**  
   A) It has the strongest gravity  
   B) It is the only planet with an atmosphere  
   C) It is the only planet known to support life  
   D) It is the largest planet in the solar system

**Answer:** C) It is the only planet known to support life

1. **Which of the following is the best description of the shape of the Earth?**  
   A) Perfectly round  
   B) Flat and rectangular  
   C) An irregular cube  
   D) An oblate spheroid

**Answer:** D) An oblate spheroid

1. **Which of the following is evidence that the Earth is spherical?**  
   A) The appearance of the night sky  
   B) The circular shadow of the Earth on the Moon during an eclipse  
   C) The shape of mountains  
   D) The direction of the wind

**Answer:** B) The circular shadow of the Earth on the Moon during an eclipse

1. **Who was the first person to prove that the Earth is round using a scientific method?**  
   A) Christopher Columbus  
   B) Ferdinand Magellan  
   C) Eratosthenes  
   D) Galileo Galilei

**Answer:** C) Eratosthenes

**DOK Level 2 (Application & Conceptual Understanding)**

1. **Why do ships disappear gradually from the bottom up when sailing over the horizon?**  
   A) The ocean waves cover the ship  
   B) The ship moves too fast  
   C) The curvature of the Earth hides the lower part first  
   D) The ship is sinking

**Answer:** C) The curvature of the Earth hides the lower part first

1. **Which of the following observations provides the best proof that the Earth is spherical?**  
   A) The occurrence of day and night  
   B) The rotation of wind patterns  
   C) Satellite images showing the Earth’s round shape  
   D) The movement of ocean currents

**Answer:** C) Satellite images showing the Earth’s round shape

1. **How does the sunrise and sunset support the Earth's shape?**  
   A) The Sun changes size throughout the day  
   B) The Sun rises earlier in the east than in the west due to Earth's curvature  
   C) The Sun moves randomly in the sky  
   D) The Sun disappears because it turns off at night

**Answer:** B) The Sun rises earlier in the east than in the west due to Earth's curvature

1. **What is the rotation of the Earth?**  
   A) The movement of the Earth around the Sun  
   B) The movement of the Earth around its axis  
   C) The movement of the Moon around the Earth  
   D) The movement of the Sun around the Earth

**Answer:** B) The movement of the Earth around its axis

1. **How long does the Earth take to complete one full rotation on its axis?**  
   A) 12 hours  
   B) 24 hours  
   C) 30 days  
   D) 365 days

**Answer:** B) 24 hours

1. **Which of the following is caused by the Earth's revolution around the Sun?**  
   A) Day and night  
   B) The phases of the Moon  
   C) The seasons of the year  
   D) Ocean tides

**Answer:** C) The seasons of the year

**DOK Level 2 (Application & Conceptual Understanding)**

1. **Why does the Sun appear to rise in the east and set in the west?**  
   A) Because the Sun moves around the Earth  
   B) Because the Earth rotates from west to east  
   C) Because the Earth is stationary  
   D) Because the Moon blocks the Sun at night

**Answer:** B) Because the Earth rotates from west to east

1. **If the Earth’s rotation speed increased, what would be the most likely effect?**  
   A) Days would become longer  
   B) Nights would become longer  
   C) Days and nights would become shorter  
   D) The seasons would change faster

**Answer:** C) Days and nights would become shorter

1. **How does the tilt of the Earth's axis affect the seasons?**  
   A) It causes one side of the Earth to receive more sunlight than the other at different times of the year  
   B) It changes the shape of the Earth’s orbit  
   C) It affects the speed of the Earth's rotation  
   D) It makes the Sun move in circles around the Earth

**Answer:** A) It causes one side of the Earth to receive more sunlight than the other at different times of the year

1. **What is the main purpose of latitude and longitude?**  
   A) To measure the depth of the ocean  
   B) To locate places on the Earth’s surface  
   C) To determine the age of the Earth  
   D) To predict earthquakes

**Answer:** B) To locate places on the Earth’s surface

1. **What is the name of the imaginary line that divides the Earth into the Northern and Southern Hemispheres?**  
   A) Prime Meridian  
   B) Tropic of Cancer  
   C) Equator  
   D) Antarctic Circle

**Answer:** C) Equator

1. **Which line of longitude is used as the reference point for measuring other longitudes?**  
   A) The Equator  
   B) The Tropic of Capricorn  
   C) The Prime Meridian  
   D) The International Date Line

**Answer:** C) The Prime Meridian

**DOK Level 2 (Application & Conceptual Understanding)**

1. **Why do places at the same latitude but different longitudes experience different times?**  
   A) Because of the Earth's rotation  
   B) Because of the Earth's revolution around the Sun  
   C) Because of differences in elevation  
   D) Because of seasonal changes

**Answer:** A) Because of the Earth's rotation

1. **A location is given as 0° latitude and 0° longitude. Where is this point?**  
   A) At the intersection of the Equator and Prime Meridian  
   B) At the North Pole  
   C) At the South Pole  
   D) At the International Date Line

**Answer:** A) At the intersection of the Equator and Prime Meridian

1. **If a place is located at 60°N latitude, in which hemisphere is it found?**  
   A) Southern Hemisphere  
   B) Northern Hemisphere  
   C) Western Hemisphere  
   D) Eastern Hemisphere

**Answer:** B) Northern Hemisphere

1. **What is the significance of latitude in geography?**  
   A) It helps in locating places east and west of the Prime Meridian  
   B) It determines time zones across the world  
   C) It helps in identifying climate zones and temperature variations  
   D) It marks the boundary between continents

**Answer:** C) It helps in identifying climate zones and temperature variations

1. **Which major latitude is known as the starting point for measuring other latitudes?**  
   A) The Tropic of Cancer  
   B) The Tropic of Capricorn  
   C) The Equator  
   D) The Arctic Circle

**Answer:** C) The Equator

1. **Why is the Prime Meridian significant?**  
   A) It divides the Earth into the Northern and Southern Hemispheres  
   B) It serves as the reference point for measuring longitude  
   C) It determines the length of a year  
   D) It marks the hottest part of the Earth

**Answer:** B) It serves as the reference point for measuring longitude

**DOK Level 2 (Application & Conceptual Understanding)**

1. **How do latitudes influence climate patterns?**  
   A) Areas closer to the Equator receive more direct sunlight and are generally warmer  
   B) Latitudes determine the rotation speed of the Earth  
   C) High latitudes have shorter days and longer nights throughout the year  
   D) Latitudes prevent the movement of ocean currents

**Answer:** A) Areas closer to the Equator receive more direct sunlight and are generally warmer

1. **How does longitude help in determining time zones?**  
   A) Each 15-degree difference in longitude represents a one-hour time difference  
   B) Longitude affects the movement of the Moon around the Earth  
   C) Longitudes determine the seasons in different regions  
   D) Longitudes divide the Earth into equal parts of climate zones

**Answer:** A) Each 15-degree difference in longitude represents a one-hour time difference

1. **Why do places located on the same longitude experience the same local time?**  
   A) Because they are at the same altitude  
   B) Because the Earth rotates in a west-to-east direction  
   C) Because they have the same distance from the Sun  
   D) Because they experience the same seasons at the same time

**Answer:** B) Because the Earth rotates in a west-to-east direction