**Q1) Which planet is nearest to the Sun?**

a) Venus

b) Mars

c) Mercury

d) Jupiter

Correct Answer: Option (c)

Explanation: The one that is closest to the Sun is Mercury. The smallest planet is also it. Despite being the planet closest to the Sun, it is not the warmest. This is because Mercury doesn't trap heat.

Thus, the correct answer is option (c).

Difficulty Level- Easy

Bloom’s Taxonomy- Remember

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**Q2) What kind of orbit does the Earth make around the Sun?**

a) Circular

b) Elliptical

c) Parabolic

d) Hyperbolic

Correct Answer: Option (b)

Explanation: The orbit around the Sun has an elliptical shape. As a result, the distance from the Sun fluctuates throughout the year, with perihelion denoting the closest point to the Sun and aphelion denoting the furthest. With an eccentricity of 0.0167, the orbit is only very slightly elliptical and appears to be nearly round).

Thus, the correct answer is option (b).

Difficulty Level- Easy

Bloom’s Taxonomy- Remember

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**Q3) Which of the following is an Indian traditional farming method?**

a) Shifting cultivation

b) Industrial farming

c) Hydroponic farming

d) Aeroponic farming

Correct Answer: Option (a)

Explanation: In India, a traditional farming system known as shifting agriculture is used) As part of shifting cultivation, farmers clear a plot of land by chopping down trees and bushes, burning them, and then growing crops there for a while.

Thus, the correct answer is option (a).

Difficulty Level- Easy

Bloom’s Taxonomy- Remember

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**Q4) What one of the following does not belong to the Solar System?**

a) Neptune

b) Moon

c) Uranus

d) Star

Correct Answer: Option (d)

Explanation: The Solar system does not include Star. Despite the fact that stars constitute a component of the cosmos, it refers to the collection of planets, moons, asteroids, comets, and other celestial bodies that revolve around the Sun.

Thus, the correct answer is option (d).

Difficulty Level- Medium

Bloom’s Taxonomy- Remember

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**Q5) What is the sequence of the planets in our solar system from the sun?**

a) Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune

b) Venus, Jupiter, Earth, Mars, Saturn, Uranus, Neptune, Mercury

c) Mercury, Earth, Mars, Saturn, Jupiter, Uranus, Neptune, Venus

d) Jupiter, Earth, Mars, Saturn, Venus, Neptune, Mercury, Uranus

Correct Answer: Option (a)

Explanation: The order of the planets from closest to farthest away, should be Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune. Planets are arranged in order of distance, with Mercury being the nearest and Neptune being the farthest away.

Thus, the correct answer is option (a).

Difficulty Level- Hard

Bloom’s Taxonomy- Remember

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**Q6) In our universe, which planet is referred to as the "Red Planet"?**

a) Sun

b) Jupiter

c) Mars

d) Venus

Correct Answer: Option (c)

Explanation: Mars, also referred to as the "Red Planet," is one of the planets. This is because iron oxide (rust), which is present on Mars' surface, gives the planet a reddish tint. The soil and rocks of the planet have a characteristic reddish hue that can be seen from Earth due to the presence of iron oxide. Also, due to its reddish hue, Mars appears as a reddish object in the night sky. It is frequently referred to as the "Red Planet" because of this.

Thus, the correct answer is option (c).

Difficulty Level- Medium

Bloom’s Taxonomy- Remember

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**Q7) Which planet in our solar system is the largest?**

a) Mercury

b) Jupiter

c) Venus

d) Saturn

Correct Answer: Option (b)

Explanation: The largest planet is Jupiter. Its diameter is approximately 86,881km and it is 318 times more massive. It is more than 11 times as large as Earth and has a mass greater than the sum of all the other planets.

Thus, the correct answer is option (b).

Difficulty Level- Easy

Bloom’s Taxonomy- Remember

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**Q8) Which of the following statements regarding the rotation of the Earth is true?**

a) Our planet revolves once a year around the sun.

b) The Earth spins around its own axis.

c) Seasons are a result of our planet rotation.

d) The length of the day and night is affected by our planet rotation equally throughout the year.

Correct Answer: Option (b)

Explanation: The term "Earth's rotation" refers to the planet's rotation around its own axis, which completes one full rotation in around 24 hours. On the surface, day and night alternate because of this rotation. The rotation also has an impact on ocean currents.

Thus, the correct answer is option (b).

Difficulty Level- Medium

Bloom’s Taxonomy- Remember

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**Q9) Which among the following statements is true about latitudes?**

a) Lines connecting the North and South Poles

b) Parallel lines with the equator

c) East-to-West oriented lines

d) The arcs connecting the North and South Poles

Correct Answer: Option (b)

Explanation: Latitudes are the fictitious horizontal lines that parallel the equator, as explained. They are measured in deg, mins, and secs and are used to determine how far from the equator. The primary reference line, the equator, has a value of 0°. The South Pole is given the value 90°S, and the North Pole is given the value 90°N.

Thus, the correct answer is option (b).

Difficulty Level- Easy

Bloom’s Taxonomy- Remember

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**Q10) Which of the following describes the North Pole's coordinates?**

a) 90°N Latitude

b) 90°S Latitude

c) 90°N Longitude

d) 90°S Longitude

Correct Answer: Option (a)

Explanation: In 90 degrees North latitude, which is the northernmost point on the surface of the Earth, is where the North Pole is situated. Since all longitude lines converge at the poles, the longitude at the North Pole can be any value.

Thus, the correct answer is option (a).

Difficulty Level- Medium

Bloom’s Taxonomy- Remember

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**Q11) How far apart are the South Pole and the Equator?**

a) 90 degrees

b) 180 degrees

c) 0 degrees

d) 360 degree

Correct Answer: Option (a)

Explanation: The South Pole is roughly 90 degrees south latitude from the Equator, which is at 0 degrees latitude. They are separated by the same amount as the difference in latitude. The equator and the south pole are separated by around 10,000 kilometers (6,214 miles).

Thus, the correct answer is option (a).

Difficulty Level- Medium

Bloom’s Taxonomy- Remember

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**Q12) What does Prime Meridian mean?**

a) The line that circles the earth halfway between the North and South poles

b) The main reference line for measuring longitudes

c) The largest circle that can be drawn on the globe

d) The line that divides the earth into two equal halves

Correct Answer: Option (a)

Explanation: The Prime Meridian is a hypothetical line that travels through Greenwich on its way from the North to the South Poles. It has the value of 0° and serves as the primary reference line for calculating longitudes. The longitudes are calculated with relation to the Prime Meridian both east and west.

Thus, the correct answer is option (a).

Difficulty Level- Medium

Bloom’s Taxonomy- Remember

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**Q13) What latitude parallels is the Torrid Zone located between?**

a) The Cancer and Capricorn Tropics

b) The Cancer and Arctic Circle

c) Antarctic Circle and Tropic of Capricorn

d) None of these

Correct Answer: Option (a)

Explanation: The area of the Earth between the Tropics of Cancer and Capricorn is referred to as the Torrid Zone or the Tropics. Around 23.5 degrees north and south of the equator separate these two parallels of latitude. Thus, the correct answer is option (a).

Difficulty Level- Medium

Bloom’s Taxonomy- Remember

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**Q14) What is the highest latitude on Earth that can be measured?**

a) 90 deg North

b) 90 deg South

c) 180 deg East

d) 180 deg West

Correct Answer: Option (b)

Explanation: The latitude is defined as the angle between a location and the equator of the Planet. The “N” Pole is 90° North, the highest latitude that can be measured) 90° South latitude is where the “S” Pole is situated)

Thus, the correct answer is option (b).

Difficulty Level- Hard

Bloom’s Taxonomy- Remember

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**Q15) Which of the following is the reference line for measurement of longitude?**

a) Equator

b) Tropic

c) Arctic region

d) Prime Meridian

Correct Answer: Option (d)

Explanation: The reference line used most frequently when determining longitude is the Prime Meridian. This image line, which represents the Royal Observatory at Greenwich, is where longitude measurements start. A line's length is represented west or east of the Prime Meridian.

Thus, the correct answer is option (d).

Difficulty Level- Hard

Bloom’s Taxonomy- Remember

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**16) What form of mangrove forest can you find in India?**

a) Alpine forest

b) Tropical rainforest

c) Temperate forest

d) Sundarbans

Correct Answer: Option (d)

Explanation: The Indian mangrove forest is the Sundarbans. The Sundarbans are a sizable mangrove forest that stretch across sections of Bangladesh and India in the Ganges, Brahmaputra, and Meghna river delta.

Thus, the correct answer is option (d).

Difficulty Level- Easy

Bloom’s Taxonomy- Remember

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**Q17) What separates the east and west hemspheres of the earth?**

a) Equator

b) Prime Meridian

c) 82° 30′ E

d) None of these

Correct Answer: Option (b)

Explanation:The east and west hemispheres of the Earth are separated by the Prime Meridian.

The Prime Meridian is a hypothetical line of longitude that passes through the Royal Observatory on its way from the North to the South Poles.

Thus, the correct answer is option (b).

Difficulty Level- Medium

Bloom’s Taxonomy- Remember

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**Q18) Which of the following planetary motions is responsible for day and night?**

a) Rotation

b) Revolution

c) Axial tilt

d) None of the above

Correct Answer: Option (a)

Explanation: Day and darkness are created by the Earth's axis rotating. The cycle of day & darkness is brought about by various regions of the Earth rotating either towards (or) far from the son. for each 24 hrs, or one full rotation of the axis of earth, the day ends at 24 hours. Axial tilt results from the Earth's rotation around the sun and results in seasonal fluctuation.

Thus, the correct answer is option (a).

Difficulty Level- Easy

Bloom’s Taxonomy- Remember

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**Q19) When are the northern hemisphere's long day and short night?**

a) June 21

b) Sept 23

c) Dec 22

d) Mar 21

Correct Answer: Option (a)

Explanation: This summer solstice, which occurs on June 21 in the northern hemisphere, is the day with the longest day and the shortest night of the year. Due to the Earth's axial tilt being inclined towards the sun, this happens.

Thus, the correct answer is option (a).

Difficulty Level- Medium

Bloom’s Taxonomy- Remember

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**Q20) How many times does our planet rotate with the sun in one day?**

a) 24 hrs

b) 365 days

c) 1 month

d) 12 hrs

Correct Answer: Option (b)

Explanation: The time it takes for our planet to complete one rotation around the sun is measured in years. This time frame lasts about 365.24 days. This indicates that one revolution of the Earth around the sun takes about 365 days and 6 hours.

The Earth makes one revolution around the sun in roughly 365 days and 6 hrs.

Thus, the correct answer is option (b).

Difficulty Level- Easy

Bloom’s Taxonomy- Remember

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**Q21) Which of the below is the short day of the year in the Northern Hemisphere?**

a) Summer solstice

b) Winter solstice

c) Equinox

d) None of the above

Correct Answer: Option (b)

Explanation: In the ‘N’ Hemisphere, the shortest occurs on the winter solstice, which usually falls on December 21 or 22. This is because the ‘N’ Hemisphere receives the least amount of sunshine on this day because of the tilt.

Thus, the correct answer is option (b).

Difficulty Level- Medium

Bloom’s Taxonomy- Understand

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**Q22) Which of the following is the Southern Hemisphere's long day?**

a) Summer solstice

b) Winter solstice

c) Equinox

d) None of the above

Correct Answer: Option (a)

Explanation: The longest day of the year is the summer solstice, which falls on Dec 21 or 22 in the Southern Hemisphere. This is because the Southern Hemisphere get the biggest sunlight on this day due to the tilt of the Earth.

Thus, the correct answer is option (a).

Difficulty Level- Medium

Bloom’s Taxonomy- Understand

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**Q23) What causes the Earth's seasons to change?**

a) Rotation

b) Revolution

c) Axial tilt

d) Earth's magnetic field

Correct Answer: Option (c)

Explanation: The tilt of Earth's axis in relation to its orbit around the sun is the main factor causing the change in seasons on Earth. Axial tilt is another name for this tilt. The tilt of the Earth's axis is approximately 23.5 degrees. Seasonal fluctuations result from the Earth's tilt, which alters how much sunlight it receives throughout the year.

Thus, the correct answer is option (c).

Difficulty Level- Hard

Bloom’s Taxonomy- Understand

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**Q24) How long does it take our planet to make one rotation around its axis?**

a) 12 hrs

b) 24 hrs

c) 1 month

d) 365 days

Correct Answer: Option (b)

Explanation: Our planet rotates on its axis once every 24 hrs, as stated in the explanation. Day and night are caused by this rotation. Daytime is created in certain regions of our planet as a result of exposure to the Sun's light, whereas night-time is experienced in regions of our planet that are facing away from the Sun.

Thus, the correct answer is option (b).

Difficulty Level- Easy

Bloom’s Taxonomy- Understand

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**Q25) The rotation of the Earth's axis does not cause \_\_\_\_\_\_\_\_\_\_.**

a) Day and night

b) Sunrise and sunset

c) Change in seasons

d) Foucault pendulum effect

Correct Answer: Option (c)

Explanation: The tilt of the Earth's axis and its rotation around the Sun are what produce the change in seasons. Day and darkness are produced by our planet rotation on its axis, as well as dawn and sunset, which are caused by the Sun's apparent motion across the sky. The rotation of our planet is demonstrated via the Foucault pendulum effect.

Thus, the correct answer is option (c).

Difficulty Level- Hard

Bloom’s Taxonomy- Understand

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**Q26) Where would you find a place situated at a latitude of 66.5 degrees South?**

a) Tropic of Capricorn

b) Arctic Circle

c) Antarctic Circle

d) Equator

Correct Answer: Option (c)

Explanation: The Antarctic Circle is situated at a latitude of 66.5 degrees south. It serves as the location where the sun may be seen above the horizon during the winter solstice in the furthest south.

Thus, the correct answer is option (c).

Difficulty Level- Easy

Bloom’s Taxonomy- Understand

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**Q27) What statement regarding the Equinox is accurate?**

a) It occurs twice a year

b) It marks the beginning of winter in the ‘N’ Hemisphere

c) It occurs when the sun over Tropic of Capricorn

d) It occurs when the sun is directly overhead at the Equator

Correct Answer: Option (d)

Explanation: It takes place at the 0 deg line when the son is directly overhead.

The Equinox happens twice a year when the sun is straight above at the Equator, as explained. In the ‘N’ Hemisphere, it is the start of spring; in the ‘S’ Hemisphere, it is the start of fall.

Thus, the correct answer is option (d).

Difficulty Level- Easy

Bloom’s Taxonomy- Understand

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**Q28) Which map style depicts a region's physical characteristics?**

a) Political map

b) Thematic map

c) Topographical map

d) Climate map

Correct Answer: Option (c)

Explanation: "Topographical map," is the right response. Topographical maps display a region's topographical features, including mountains, rivers, and valleys. An area's height, terrain, and other natural features like rivers and mountains are all detailed on a topographical map, which is also called as “Topo”.

Thus, the correct answer is option (c).

Difficulty Level- Easy

Bloom’s Taxonomy- Understand

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**Q29) Why are latitude and longitude lines present on maps?**

a) To depict a region's physical characteristics

b) To depict country borders

c) To calculate the separation between two places

d) Finding a location on a map

Correct Answer: Option (d)

Explanation: We can pinpoint a spot on a map by using latitude and longitude lines. Any point on the surface of the Earth can be located using a map as a coordinate system.

Thus, the correct answer is option (d).

Difficulty Level- Easy

Bloom’s Taxonomy- Understand

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**Q30) What does the word "scale" on a map mean?**

a) The size

b) The distance between 2 points

c) The legend or key on the map

d) The proportion of a distance on a map to its actual measurement

Correct Answer: Option (d)

Explanation: A map's "scale" describes how closely the distance or area corresponds to the real distance or area on the ground. In other words, it is the proportion between the distance or area on the map and the actual distance or area.

Thus, the correct answer is option (d).

Difficulty Level- Medium

Bloom’s Taxonomy- Understand

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**Q31) Which kind of map displays how a certain feature, like population or rainfall, is distributed?**

a) Political map

b) Thematic map

c) Topographical map

d) Climate map

Correct Answer: Option (b)

Explanation: Thematic map is the right response. The distribution of a particular attribute or subject, such as population density or rainfall, is depicted on thematic maps. Thematic maps can be used to find patterns or links between various geographic features. They are intended to convey information about a certain subject, such as population density, land use, or climate.

Thus, the correct answer is option (b).

Difficulty Level- Medium

Bloom’s Taxonomy- Understand

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**Q32) What distinguishes a map from a world globe?**

a) Maps are 2D representations of the world, whereas globes are 3D ones.

b) A map depicts a region's physical characteristics, but a globe depicts its political characteristics

c) It is used for navigation, while a globe is used for decoration

d) It is more accurate than a globe, as it can show more detailed information in a smaller space

Correct Answer: Option (a)

Explanation: Maps are 2D representations of the world, whereas globes are 3D ones. Maps can display a variety of information, including population density, governmental boundaries, and natural features like mountains and rivers.

Contrarily, a globe is a three-dimensional representation of the Earth that is often built of a round sphere and depicts the surface of the planet in exact proportion and scale.

Thus, the correct answer is option (a).

Difficulty Level- Hard

Bloom’s Taxonomy- Understand

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**Q33) Which of the ensuing states experiences tropical wet and dry weather?**

a) Rajasthan

b) Kerala

c) Himachal Pradesh

d) Jharkhand

Correct Answer: Option (d)

Explanation: A tropical wet and dry climate prevails in Jharkhand. The eastern Indian state of Jharkhand has a tropical climate that is characterized by high temperatures and humidity levels all year round.

Thus, the correct answer is option (d).

Difficulty Level- Easy

Bloom’s Taxonomy- Understand

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**Q34) Which of the following is not one of India's major rivers?**

a) Ganges

b) Yamuna

c) Nile

d) Brahmaputra

Correct Answer: Option (c)

Explanation: In India, the Nile is not a significant river. The Ganges, Yamuna, Brahmaputra, Godavari, Krishna, Narmada, and Tapti are a few of the important rivers in India. The Nile River doesn’t exist in our Country.

Thus, the correct answer is option (c).

Difficulty Level- Easy

Bloom’s Taxonomy- Understand

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**Q35) What is the name of the line that runs parallel to the Equator and marks the northernmost point where the son is overhead?**

a) Prime Meridian first

b) Equator

c) Tropic of Cancer

d) Capricorn Tropic

Correct Answer: Option (c)

Explanation: The northernmost point where the sun is directly overhead is identified by the Tropic of Cancer, a line that runs parallel to the Equator.

At 23.5 degrees north of the Equator is where the Tropic of Cancer, a fictitious line of latitude, is located It refers to the northernmost point on Earth where the sun may be seen directly overhead, which occurs at the summer solstice in the Northern Hemisphere.

Thus, the correct answer is option (c).

Difficulty Level- Hard

Bloom’s Taxonomy- Understand

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**Q36) Which continent is the largest in the world?**

a) Asia

b) Europe

c) Africa

d) North America

Correct Answer: Option (a)

Explanation: With a land size of over 30% of the entire planet, Asia is the largest continent in the globe. Many of the largest nations in the world, including China, India, and Russia, call this region home.

With a population of over 4.5 billion, or more than half of the world's population, it has an area of around 44.58 million square kilometres.

Thus, the correct answer is option (a).

Difficulty Level- Easy

Bloom’s Taxonomy- Understand

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**Q37) Which of the following doesn't constitute one of the Earth's major domains?**

a) Atmosphere

b) Hydrosphere

c) Biosphere

d) Atmosphere

Correct Answer: Option (d)

Explanation: Together with the hydrosphere, biosphere, and geosphere, the atmosphere is one of the planet's major spheres. The layer of gasses that surrounds the globe and is kept in place by the gravity of the Earth is known as the atmosphere. The atmosphere is essential for maintaining the Earth's temperature, shielding life from dangerous solar radiation, and supplying us with oxygen to breathe.

Thus, the correct answer is option (d).

Difficulty Level- Easy

Bloom’s Taxonomy- Understand

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**Q38) What is the name of the gaseous layer that surrounds the earth?**

a) The lithosphere

b) The atmosphere

c) The hydrosphere

d) All of these

Correct Answer: Option (b)

Explanation: The atmosphere is the layer of gasses that surrounds the world.

The crust and uppermost portion of the mantle make up the solid, outermost layer of the Earth, known as the lithosphere, which is incorrect

Thus, the correct answer is option (b).

Difficulty Level- Easy

Bloom’s Taxonomy- Understand

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**Q39) Which of the following is a fold mountain, specifically?**

a) Rocky Mountains

b) Andes Mountains

c) Himalayan Mountains

d) Appalachian Mountains

Correct Answer: Option (c)

Explanation: A fold mountain is a particular kind of mountain range created by the folding of rock strata as a result of tectonic activity. Himalayan Mountains is the correct response. Examples of several mountain types created by various geological processes include the Rocky Mountains, Andes Mountains, and Appalachian Mountains.

Thus, the correct answer is option (c).

Difficulty Level- Hard

Bloom’s Taxonomy- Understand

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**Q40) Which of the following DOES NOT characterize the biome of the tropical rainforest?**

a) High biodiversity

b) High temperatures

c) Heavy rainfall

d) Sparse vegetation

Correct Answer: Option (c)

Explanation: The tropical rainforest biome is distinguished by hot temperatures, copious amounts of rain, and a high level of biodiversity. These locations have diverse and dense vegetation and as a result heavy rainfall is not the biome of the tropical rainforest.

Thus, the correct answer is option (c).

Difficulty Level- Medium

Bloom’s Taxonomy- Understand

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**Q41) Which of the following landforms is a result of tectonic plate movement?**

a) Mountains

b) Plateaus

c) Plains

d) Islands

Correct Answer: Option (a)

Explanation: Large-scale geological structures, such as mountains, are frequently produced by the movement of tectonic plates, which can cause rocks to fold and buckle. Although they are not always directly created by plate movements, plateaus and plains can still be impacted by tectonic activity. On the other hand, islands can be created by a variety of geological processes, such as erosion and volcanic activity, and they may or may not be connected to tectonic activity.

Thus, the correct answer is option (a).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q42) Which of the following best describes an important landform on Earth?**

a) Ocean

b) Desert

c) Plateau

d) None of the above

c) Plateau

Correct Answer: Option (a)

Explanation: The Ocean and the desert are significant characteristics of the Earth's surface, but neither of them is a landform. A plateau is a big, high, flat region of land. The term "landform" refers to a natural feature of the Earth's surface. Every continent has plateaus, which make up a sizable amount of the planet's land area.

Thus, the correct answer is option (a).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q43) Which of the following landforms is created by the sand and gravel that rivers carry accumulating over time?**

a) Plateau

b) Plain

c) Delta

d) Valley

Correct Answer: Option (c)

Explanation: At the mouth of a river, where silt like sand and gravel carried by the river are deposited as the river slows down and enters a bigger body of water, such as a lake or an ocean, a delta is a landform created. This build-up of silt over time might result in a flat, fan-shaped expanse of land that is frequently crisscrossed by rivers and streams.

Thus, the correct answer is option (c).

Difficulty Level- medium

Bloom’s Taxonomy- Analyze

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**Q44) Which of the following is an example of erosion?**

a) A river depositing sediment on its banks

b) A glacier picking up rocks and carrying them to a new location

c) A volcano erupting and spewing lava onto the ground

d) A landslide caused by heavy rain

Correct Answer: Option (b)

Explanation: Erosion is the process of wearing away or moving rocks, soil, and other materials from one location to another through the action of water, wind, ice, or gravity. From the given options, a glacier picking up rocks and carrying them to a new location is the best example of erosion.

Thus, the correct answer is option (b).

Difficulty Level- Medium

Bloom’s Taxonomy- Analyze

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**Q45) There are rivers of ice that are permanently frozen in some mountains, and they are known as**

a) River valley

b) Glaciers

c) Plateaus

d) None of these

Correct Answer: Option (b)

Explanation: The glaciers are permanently frozen rivers of ice, in various mountains.

In regions where more snow falls than melts, enormous amounts of ice called glaciers accumulate over several years. Both the arctic areas and high-altitude mountain ranges are home to them.

Thus, the correct answer is option (b).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q46) Which Indian regions experience the most precipitation?**

a) Thar Desert

b) Western Ghats

c) Deccan Plateau

d) Indo-Gangetic Plain

Correct Answer: Option (b)

Explanation: The largest rain in the nation falls on the West Ghats, a mountain region along India's western coast. The place is well-known for its rich biodiversity as well as its abundance of rivers, forests, and waterfalls. The Western Ghats are home to numerous threatened plant and animal species and are a UNESCO World Heritage Site.

Thus, the correct answer is option (b).

Difficulty Level- Medium

Bloom’s Taxonomy- Analyze

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**Q47) Which of the following does not constitute a significant plant type in India?**

a) Tundra

b) Tropical rainforest

c) Thorny bushes

d) Mangrove forest

Correct Answer: Option (a)

Explanation: India does not have a lot of tundra vegetation. India is a large country with a wide range of topography and climatic characteristics, which has led to a wide range of vegetation kinds. Tropical rainforest, deciduous forest, mangrove forest, thorn and scrub, alpine, and desert vegetation are some of the main types of vegetation that may be found in India.

Thus, the correct answer is option (a).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q48) Which Indian state holds the nickname "land of the rising sun"?**

a) Rajasthan

b) Assam

c) Tamil Nadu

d) Kerala

Correct Answer: Option (b)

Explanation: Assam is referred to as the "land of the rising sun" since it is the first region of India to experience the sun's rays. The state is located in the easternmost region of India, where it receives more sunlight than any other region in the nation.

Thus, the correct answer is option (b).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q49) Among the following Indian rivers, which is the longest river?**

a) Yamuna River

b) Ganga River

c) Godavari River

d) Krishna River

Correct Answer: Option (b)

Explanation: The Ganga River flows 2,525 km from the Himalayas to Bengal, making it the longest river in India. A significant river in the Indian subcontinent is the Ganga, also called the “Ganges”.

Thus, the correct answer is option (b).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q50) What is a significant crop grown on the Deccan Plateau?**

a) Rice

b) Wheat

c) Cotton

d) Sugarcane

Correct Answer: Option (c)

Explanation: The Deccan Plateau, a substantial plateau region in southern India, is known for its cotton production. Although they are also grown in a number of locations throughout India, sugarcane, wheat, and rice are not the primary crops in the Deccan Plateau.

Thus, the correct answer is option (c).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q51) Answer the following question with reference to the audio**

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**TYPE: Audio**

**Which of the following imaginary lines split the Earth into two hemispheres at its centre?**

a) Equator

b) Tropic of Cancer

c) Tropic of Capricorn

d) Prime Meridian

Correct Answer: Option (d)

Explanation: The Equator, an imaginary line that circles the centre of the Earth, separates the planet into two hemispheres, the Northern Hemisphere and the Southern Hemisphere. Two more fictitious lines that cross the Equator are the Tropic of Cancer and the Tropic of Capricorn.

Thus, the correct answer is option (d).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q52) Answer the following question with reference to the Image**

[**https://drive.google.com/file/d/1gT1mufLXtmh3OQrNm8bF2HEgdoWNp7EN/view?usp=share\_link**](https://drive.google.com/file/d/1gT1mufLXtmh3OQrNm8bF2HEgdoWNp7EN/view?usp=share_link)

**TYPE: Image**

**According to the given above image what is the equator degree of Earth?**

a) 0° longitude

b) 0° latitude

c) 23°27′ N latitude

d) 23°27′ S longitude

Correct Answer: Option (b)

Explanation: The equator, which circles the Earth at its broadest point, is situated at latitude 0 degrees. The equator itself serves as the reference point for calculating latitude, which is a measurement of the distance north or south of the equator. As a result, the equator lies precisely where the latitude is 0 degrees, making it equally distant from both the North and South Poles.

Thus, the correct answer is option (b).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q53)** **Answer the following question with reference to the Image**

[**https://drive.google.com/file/d/11eoBSmG2Fedu83u0uwaCL3EED2Nxos0M/view?usp=share\_link**](https://drive.google.com/file/d/11eoBSmG2Fedu83u0uwaCL3EED2Nxos0M/view?usp=share_link)

**TYPE: Image**

**What kind of map is represented in the above image?**

a) Physical map

b) Annual rainfall Map

c) Vegetation map

d) Road map

Correct Answer: Option (b)

Explanation: The above map is an annual rainfall map. Annual rainfall maps show the typical amount of precipitation that falls in a specific area over the course of a year. The information used to make these maps is often gathered from weather stations spread out around the area, which measure the quantity of precipitation that occurs there.

Thus, the correct answer is option (b).

Difficulty Level- hard

Bloom’s Taxonomy- Analyze

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**Q54**) **Answer the following question with reference to the Image**

[**https://drive.google.com/file/d/1VhijPNoUkZvU12blH-mmJlE4b8yjGr8U/view?usp=share\_link**](https://drive.google.com/file/d/1VhijPNoUkZvU12blH-mmJlE4b8yjGr8U/view?usp=share_link)

**TYPE: Image**

**What can you observe from the photo above?**

a) Constellation

b) Star

c) Night sky

d) Galaxy

Correct Answer: Option (a)

Explanation: A constellation is a collection of stars that, when viewed from Earth, appear to create a recognised pattern or shape in the sky. Even though the stars in a constellation may not be physically close to one another, our vantage point on Earth gives the impression that they are.

Thus, the correct answer is option (a).

Difficulty Level- easy

Bloom’s Taxonomy- Analyze

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**Q55) Answer the following question with reference to the Image**

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**TYPE: Image**

**What do you observe from the image given above?**

a) Comet

b) Asteroid

c) Satellite

d) None of these

Correct Answer: Option (b)

Explanation: A tiny, stony, and frequently amorphous object that revolves around the sun is called an asteroid The asteroid belt, a region of our solar system situated between the orbits of Mars and Jupiter, is where asteroids are most frequently encountered Several regions of our solar system, besides the asteroid belt, also contain some asteroids.

Thus, the correct answer is option (b).

Difficulty Level- easy

Bloom’s Taxonomy- Analyze

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**Q56) Answer the following question with reference to the Image**

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**TYPE: Image**

**In the given image above, at what degree is the tropic of cancer located?**

a) 0° longitude

b) 0° latitude

c) 23°27′ N latitude

d) 23°27′ S longitude

Correct Answer: Option (c)

Explanation: The highest northern latitude at which the sun can be seen directly overhead at noon is the Tropic of Cancer, which is located at 23d 26' 22" (23.4394 degrees) north of the Equator. At the June solstice, when the north hemisphere is most inclined towards the sun, this event takes place.

Thus, the correct answer is option (c).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q57) Answer the following question with reference to the Image**

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**TYPE: Image**

**Which planet in our solar system is called Earth's twin planet?**

a) Saturn

b) Jupiter

c) Venus

d) Neptune

Correct Answer: Option (c)

Explanation: Venus is the second planet in the Solar System. It is also called Earth’s Twin Planet as its size and mass are almost equal to the Earth’s size and mass. It has a thick atmosphere composed mainly of carbon dioxide, which creates a strong greenhouse effect that makes it the hottest planet in the solar system. Its surface is covered in volcanoes, mountains, and vast plains, and it rotates in the opposite direction to most planets, including Earth.

Thus, the correct answer is option (c).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q58) Answer the following question with reference to the Image**

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**TYPE: Image**

**Which major domain of the earth is visible in the above image?**

a) Lithosphere

b) Atmosphere

c) Hydrosphere

d) Biosphere

Correct Answer: Option (c)

Explanation: All of the water on Earth, including the seas, lakes, rivers, groundwater, glaciers, and other types of water, is referred to as the hydrosphere. It is one of the Earth's four major spheres, along with the biosphere (living things), geosphere, and atmosphere (rocks, soils, and landforms).

Thus, the correct answer is option (c).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q59) Answer the following question with reference to the Image**

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**TYPE: Image**

**Which planet is shown in the given image?**

a) Mercury

b) Saturn

c) Jupiter

d) Earth

Correct Answer: Option (b)

Explanation: In our solar system, Saturn is the sixth planet from the Sun and is distinguished by its distinctive ring system. The second largest planet in our solar system after Jupiter, it is a gas giant planet.

Thus, the correct answer is option (b).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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**Q60) Answer the following question with reference to the Image**

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**TYPE: Image**

**What do you observe from the given figure?**

a) Revolution of earth

b) Rotation of earth

c) Both a & b

d) None of the above

Correct Answer: Option (a)

Explanation: The Earth's yearlong journey in an elliptical orbit around the Sun is referred to as a revolution. We have a leap year every four years to account for the additional quarter of a day since it takes the Earth roughly 365.25 days to complete one full revolution.

Thus, the correct answer is option (a).

Difficulty Level- Easy

Bloom’s Taxonomy- Analyze

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