

Daily Static Quiz - 24th November 2022

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1. Which of these are nearly of equal length?

1. Tropic of Cancer and Tropic of Capricorn
2. Equator and both tropics
3. Prime Meridian and other longitudes

Select the correct answer using the codes below.

- ☐ 1 and 2 only
- ☐ 3 only
- ☐ 1 and 3 only
- ☐ 2 only

2. Areas lying between the Arctic Circle and the North Pole in the Northern Hemisphere is very cold. It is because:

1. Earth's effective radius is lesser at these points.
2. Sun rises above the horizon in these areas almost the entire year.

3. Air pressure at these locations is much lesser as compared to lower latitudes.

Select the correct answer using the codes below.

- ☐ 1 only
- ☐ 2 and 3 only
- ☐ 2 only
- ☐ None of the above

3. The mid-day sun is exactly overhead at least once a year on:

- ☐ All latitudes excluding the polar latitude
- ☐ All latitudes in between the Tropic of Cancer and the Tropic of Capricorn
- ☐ Only the equator
- ☐ All latitudes beyond both tropics

4. Consider the following statement. By measuring the angle of the Pole Star from your place, you can know the _____ of your place.

1. Latitude
2. Longitude
3. Altitude

Select the correct answer using the codes below.

- ☐ 1 only
- ☐ 2 and 3 only
- ☐ 1 and 2 only
- ☐ 3 only

5. Earth is largely protected from the solar wind by the:

- ☐ Magnetic field
- ☐ Ozone Layer
- ☐ Tropospheric weather phenomena
- ☐ Continuous revolution around the Sun

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