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Ch-2

Geographic Grid: Latitudes and Longitudes

BN:

There are total 181 latitude at 1 interval

$$1^\circ \text{ latitude} = 111 \text{ km}$$

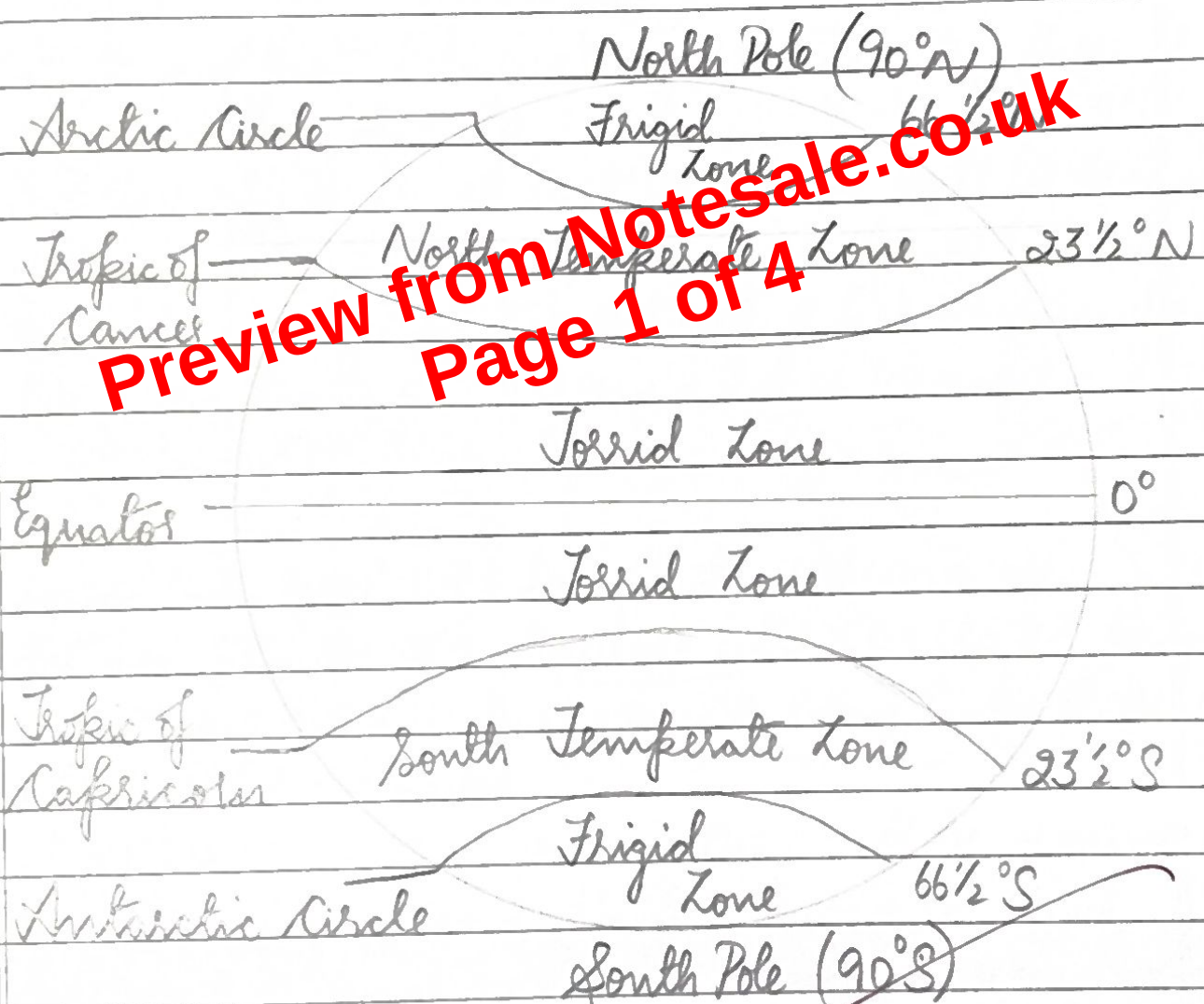
Uses of Latitudes

* Location

* Measuring Distance of a Place: Distance are measured with reference to the equator at the right angle to the place.

Ex: latitude of Mumbai 19°N , so we can say that Mumbai is $111 \times 19 = 2109 \text{ km}$ away from equator.

Heat Zones of the World



$$\frac{360}{24} = 15$$

The sun travels 15° of longitudes per hour ($360^\circ \div 24 = 15$).
one degree of longitude is every 4 minutes of time.