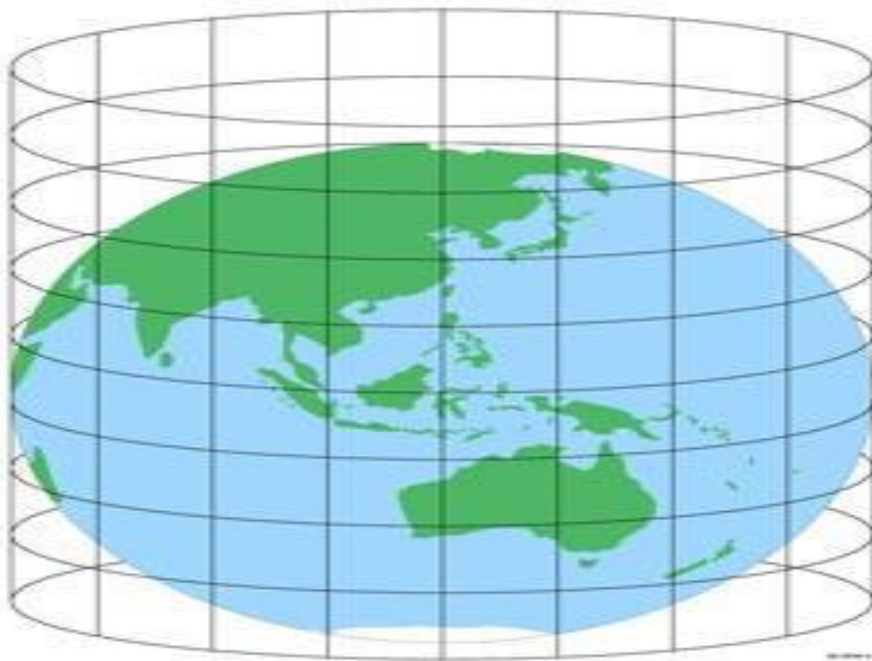


Topic- Cylindrical Projection - An Introduction (Paper- Geography Practical)

Introduction-

This projection is based on the concept of the 'piece of paper' being rolled into a cylinder and touching the Earth on a circular line. The cylinder is usually positioned over the Equator, but this is not essential. Cylindrical projections are usually used for world maps or regional / national maps of Equatorial areas – such as Papua New Guinea.



PROPERTIES OF CYLINDRICAL PROJECTIONS:

These projections usually:

- Are rectangular or oval shaped – but this projection technique is very variable in its shape
- Have lines of longitude and latitude at right-angles to each other

- Have distortions increasing away from the central circular line (the ‘touch point of the paper’)
- Have very small distortions along the central circular line (the ‘touch point of the paper’)
- Show shapes correctly, but size is distorted.

