



KAMARAJ IAS ACADEMY
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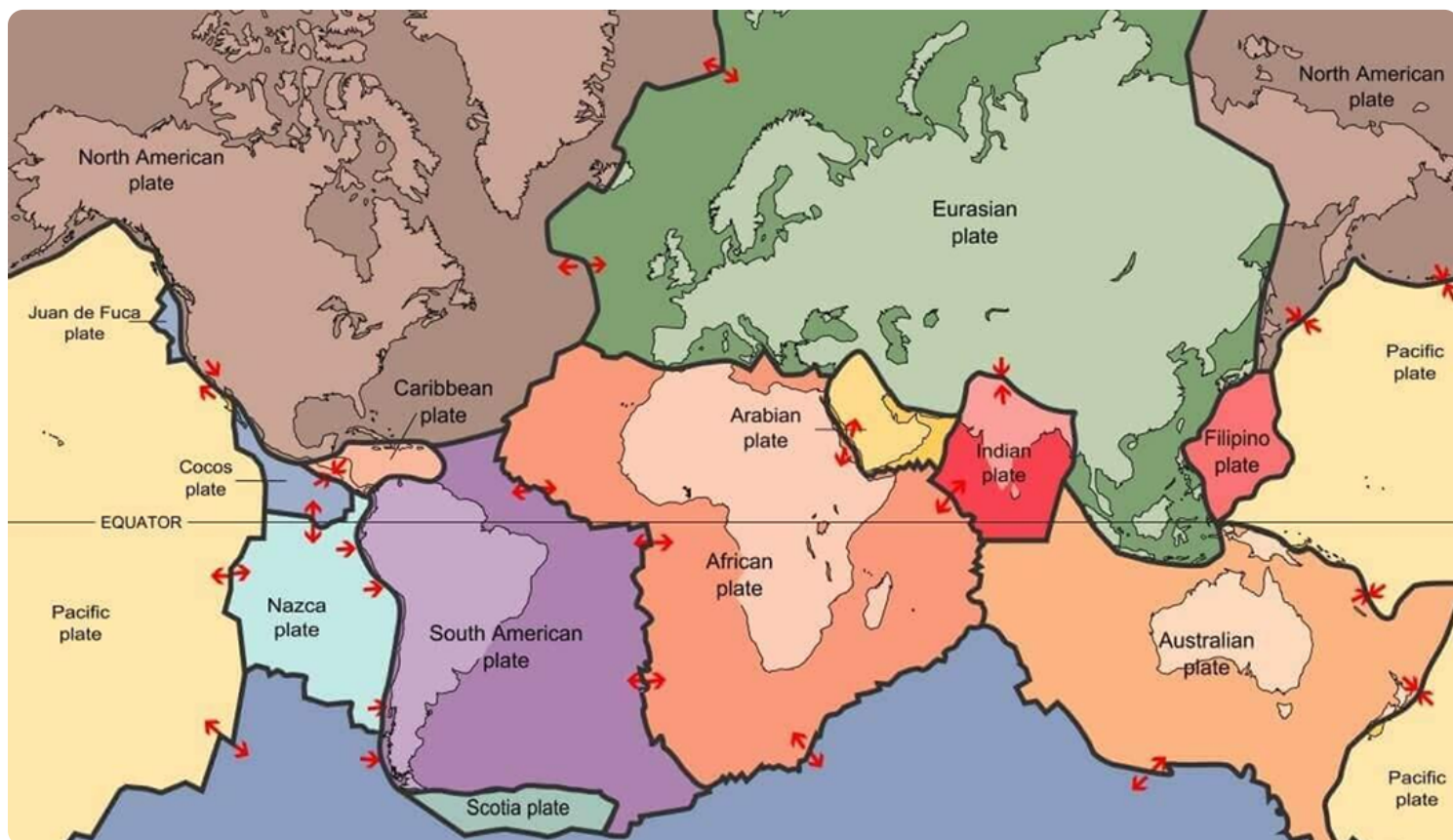
Junta seeks aid as 7.7 magnitude earthquake killed 144 in Myanmar

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Context

- A powerful earthquake rocked Myanmar and neighbouring Thailand on Friday, destroying buildings, a bridge and a dam. At least 144 people were killed in Myanmar, where photos and video from two hard-hit cities showed extensive damage.
- The 7.7 magnitude quake, with an epicentre near Mandalay, Myanmar's second largest city, struck at midday and was followed by a strong 6.4 magnitude aftershock

Distribution of Tectonic plates of the world



Earthquake mitigation strategies

These are actions taken to reduce the risk of damage and loss of life from earthquakes.

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- **Building codes:** Earthquake-resistant building codes can help to ensure that buildings can withstand the forces of an earthquake.
- **Land use planning:** Land use planning can help reduce the risk of earthquake damage by locating buildings and other structures in areas that are less likely to be affected by earthquakes.
- **Public awareness:** Public education can help to raise awareness of the risks of earthquakes and teach people how to protect themselves during an earthquake.
- **Disaster preparedness:** Disaster preparedness can help communities to be better prepared for an earthquake by developing emergency plans and stocking up on supplies.
- **Assessment of high-risk cities:** Regular earthquake risk assessment in Indian cities helps mitigate negative consequences, prepare for future events, and guide government agencies in prioritising disaster management and response measures.

Seismic Zones of India

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