



# WHAT IS METRO?

- Metro is the most common term for underground rapid transit system used by non-native
- Rapid transit or mass rapid transit(MRT), is a type of high-capacity public transport generally found in urban areas
- China has the largest number of rapid transit systems in the world

# Types of metro

- Underground metro
- At-Grade metro
- Elevated metro

# UNDERGROUND METRO

- Underground metro, as the name suggests the tracks are below the ground surface

# At-Grade Metro

- AT-GRADE metro station means a station that is any At-Grade or unroofed station other than an elevated or underground station

# ELEVATED METRO

- Elevated metro system is a rapid transit railway with tracks above the street level via ducts or other elevated structures

# BENEFITS OF METRO RAIL

- Requires  $1/5^{\text{th}}$  energy per passenger km compared to road-based transport system.
- Causes less noise, no air pollution and eco friendly transport system
- Occupies no road space If underground and only about 2.60 meters width of the road if elevated.
- Reduces journey time
- Cost effective mass transport system
- Reducing traffic transport problems.

