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Q.1

1) Marshalling Yards:-

Yards is a place where goods trains and other loads are received, sorted out according to a plan and new trains formed and dispatched onwards.

2) Locomotive:-

The word locomotive originated from the latin loco - from a place + motive of local place & the medieval latin motives causing motion locomotive engine which was first used in 1814 to distinguish both self propelled and stationary engines.

3. Coning of wheel:-

The rim of flangers of the wheels are never made flat but they are in the shape of a cone with a slope of about 1 to 20. This is known as coning of wheels.

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Advantages of coning the wheels

- 1) Coning the wheels reduces the depreciation of the wheel rims and rails.
- 2) Depreciation is caused because of the friction action of rims with inner faces of the rail top.
- 3) Coning also prevents to some extent the slipping of the wheels.