

Ans (9)

*. Ballast material \Rightarrow The appropriate thickness of a layer of broken ballast depends on the size and spacing of the ties, the amount of traffic on the line and various other factors. Broken ballast should never be laid down less than 150mm and high speed railway line may require ballast up to 0.5 metres in depth. Insufficient depth of ballast causes overloading of the underlying soil and in favourable conditions overloading the soil causes the tracks to sink usually unevenly. Ballast less than 300mm thick can lead to vibrations that damage nearby structures. However increasing the depth beyond 300mm confers no extra benefit in reducing vibration. It is essential for ballast to be piled as high as the ties and for a substantial shoulder to be placed at their ends.

*. Port \Rightarrow A place on the coast at which ships can shelter or dock to load and unload cargo and passengers. A town or city containing such a

plane. The left hand side of a vessel including aircraft, when on it facing the front.

* Herbs \Rightarrow A plant whose leaves, seeds etc are used in medicine or in cooking ~~herb~~ Herbs are small plants that have a fleshy or juicy stem when some Herbs develop hard woody tissue when they grow old most ~~herb~~ Herbs are perennials.