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The signalling the action of generating or transmitting signals

③ Objectives of signaling — The objectives of signalling are as follows. The purpose of signalling and interlocking is primarily to control and regulate the movement of trains safely and efficiently.

Ques-10 A standard gauge railway is a railway with a track gauge of 1435mm (4 ft 8 1/2 in). The standard gauge is also called Stephenson gauge UIC gauge (uniform gauge normal gauge and European gauge in Europe). It is the most widely used railway track gauge across the world with approximately 55% of the lines in the world using it. All high speed rail lines use standard gauge except those in Russia, Finland, Portugal and Uzbekistan.

Width And Kilometers — The US federal safety standard allow the standard gauge to vary from 4 ft 0 in (1220 mm, to 4 ft 9 (1460 mm) for operation upto 60 mph. Indian railways is one of the world's largest railways is one of the world's largest railways network comprising 115000 km (71,000 mi) of track length over a route of 67312 km. If the tracks of Indian railways were to be laid out.

Ques 9 Blast material — The appropriate thickness of a layer of track ballast depends on the size and spacing of the ties, the amount of traffic on the line and various other factors. Track ballast