

Typical Questions

1. What is the need for sidings on Indian Railways ?
2. Describe various type of sidings in use on I.R. ?
3. Give the definition of a siding. What are the advantages of a siding ?
4. Write notes on :
 - (i) Interchange of traffic
 - (ii) Merry-Go-Round.
 - (iii) Block rake with Engine-on-load.
5. What are the various components for planning a Railway Siding ? Discuss the method of deciding junction arrangements ?
6. How do you take off a Siding from three line stations ? Describe 3 typical cases with sketches.
7. Write notes on :
 - (i) Signalling on junctions
 - (ii) Telecommunication facilities for siding
 - (iii) Own your Wagon Scheme.
8. Narrate various facilities required in a plant yard ?
9. Why a Siding agreement is necessary ? Discuss various aspects it covers.
10. How do you decide Siding charges ? Give brief details.
11. What are various types of survey for a railway Siding ? Describe the difference between preliminary Survey & Final Location Survey.
12. What are the fees payable for initial Survey for new Siding ?
13. Write notes on :
 - (i) Deposit works
 - (ii) Codal charges for Survey done
 - (iii) Fuel linkage.
14. Describe various rail transportation studies. What does a study report contain ?
15. Describe briefly typical standards for new Siding ?
16. How do you apportion costs for :
 - (i) Private Siding
 - (ii) Assisted Siding
17. Describe various steps involved in construction of a siding ?
18. Write notes on :
 - (i) Interest charges on assisted Siding.
 - (ii) Track maintenance charges.
 - (iii) Recurring cost.
 - (iv) Construction of siding.
 - (v) Electrification of a Siding.
 - (vi) Gauge conversion of a Siding.
19. (a) What are the various types of railway siding ?.
(b) State whether following are true or false (verify your answer from the test of the lesson book)
 - (i) A passenger loop at a station is a siding.

- (ii) A line carrying passenger and goods train between Delhi Jn. and Meerut City Station is not a railway siding.
 - (iii) For a private siding, cost of maintenance is borne by the railway.
 - (iv) Railway siding can only exist within the Railway station /yard area.
 - (v) In an assisted siding, cost sharing between railway and the party is 50:50.
20. What do you understand by a railway siding ? List its advantage also.
21. Write short notes on any 2 of the following.
- (a) Block rake movement.
 - (b) Siding charges.
 - (c) Merry go round system.
 - (d) Junction arrangement for a siding.
 - (e) Own your wagon scheme.
22. What are the different types of surveys undertaken for constructing a new railway siding ? Explain in detail the final location survey. Who pays for these surveys ?
23. List down any 10 requirements. Facilities required inside a plant yard (private siding) to handle the traffic effectively.
24. What is a siding agreement ? Explain its main feature.
25. (a) When is gauge conversion of a siding required to be done and why ? Who pays for the cost of conversion ?
- (b) What is policy for electrification of Railway siding ?
26. What are the standards of construction to be followed for BG Railway sidings ?

BIBLIOGRAPHY

1. Indian Railway Way & Works Manual.
2. Engineering Code published by Indian Railways.
3. General Code published by I.R.
4. Indian Railway Act.