

QUESTION BANK ON RAILWAY AND BRIDGE ENGINEERING

1. What is sleeper.
2. Differentiate between B.G and M.G.
3. What do you mean by Creep of rails?
4. Write three function of ballast.
5. Explain equilibrium cant.
6. Different types of masonry bridge.
7. Differentiate between bridge and culvert.
8. What do you mean by crossing.
9. List the difference types of rail joints.
10. What do you mean by gradients.
11. What do you mean by coffer dam ?
12. Define afflux .
13. Write the advantages of railway.
14. List the requirements of an ideal rail joint.
15. Write the necessity of track maintenance and advantages of maintenance.
16. Describe briefly about the selection of gauge.
17. Describe the components of a bridge with neat sketch.
18. Define cant and cant deficiency.
19. Mention the function of balast and state the requirements of good balast.
20. Explain the function of components of a permanent way with neat sketch.
21. Write down the function and explanatory notes for the types of piers.
22. Write down the requirements and characteristics of an ideal bridge site.
23. Write short notes on advantages of welding rail.
24. write short notes on shallow foundation.
25. what is free board.
26. Define water way and economic span for a bridge.
27. Explain verious types of crossing in used on indian railway.
28. Explain heel block and distance block.
29. What is turnout ? Draw neat line diagram of write hand and left hand turn out .
30. What are the traffic requirements of highway bridge ?