

Minor 1 : CVL766 Advanced Bridge Design

1. Explain the difference between properties of Concrete and Steel, positives and negatives and how it is relevant to the shape and span length of RCC and steel structure bridges. 20
2. There is one technology that contributed to the success of Steel structure in railway bridge. Explain. 10
3. Draw and Explain a ~~Balanced Cantilever Bridge~~ Suspension bridge 10
4. Draw and Explain a Cable Stayed Bridge 10
5. Explain the basics of Prestressed Concrete and why it help can use of concrete popular in bridges. 20
6. Explain the concept of Balanced Cantilever Bridge 10