

Total No. of Pages: 1
Eighth Semester
Mid Semester Examination

Roll No.:.....
B.Tech. Civil Engineering
(March-2019)

CE 414: DESIGN of BRIDGES

Time:1.5 hours

Max Marks:30

NOTE: Attempt All Questions, Use of IRC 6 is Allowed

1. What are the Various Survey done for Design of Bridges? (5)
2. What do you understand Afflux? Explain in Detail. (5)
3. How effect of movement of vehicle is Accounted in Bridges for Various type of Live Loads? (5)
4. What is the Purpose of providing Bearing in the Bridges? Explain in Detail the Mechanism of load transfer. (5)
5. What do you understand by mode shape? What is its important in Seismic Design. (5)
6. Explain the importance of accounting temperature variation while designing RC Bridge? (5)

END