

Roll No

CE-803 (GS)

B.E. VIII Semester

Examination, November 2019

Grading System (GS)

Advanced Structure Design-II (Steel)

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. What do you understand by Riveted connective? Also explain Rivet value.
2. Discuss various steps taken to be account in the design at plate girder bridge.
3. What do you understand by bearing for bridges? Explain about various types at bearings.
4. Explain design component at trussed girder bridges for railways.
5. What do you understand by Pressed steel water tank? Explain where it is used.
6. Write design steps at rectangular steel water tanks with IS Code specification.

7. What do you understand by Chimney? Also differentiate steel bunker and Silo.
8. Write short notes on any two of the following:
 - a) Towers
 - b) Silo
 - c) Self supporting steel stacks
