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Roll No

AR-412-GS
B.Arch. VII Semester
Examination, June 2020
Grading System (GS)
Advanced Building Construction - VI

Time : Three Hours

Maximum Marks : 50

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

1. Draw the sketches of tubular truss in steel
Show the details of the following joints:
 - a) Detail at ridge
 - b) Detail at gutter
2. Draw 3-D sketches of various types of industrial roofing in steel for covering bigger spans.
3. Explain with the help of an sketch the driving in procedure of a steel sheet pile.
4. Draw the detailed plan and section of a timber canopy.
5. Draw the detail sketches of various types of industrial cladding.
6. Draw detail plan and section of an steel canopy 2m wide 3m deep and 2.4m high.

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7. Draw the detail of cast in situ double under reamed pile. Also draw the details of pile cap for a group of three piles. (Plan and sectional detail).
8. Suggest the foundation for a heavily loaded column. Draw the constructional details of the suggested foundation.
