

Ex/Arch/T/311/2019

BACHELOR OF ARCHITECTURE THIRD YEAR FIRST SEMESTER - 2019

ARCHITECTURAL CONSTRUCTION - III

Time: 3 Hours | Full Marks: 100

1. What is the difference between a sliding door and a sliding folding door?
What are the merits and demerits of sliding folding door?
Draw and describe different parts of a sliding folding door, for an opening size of 3 meters.
2. What is a curtain wall?
What are the typical characteristics and design considerations of a curtain wall?
Discuss any two types of curtain wall system with neat diagrams and labelling.
3. Describe two types of internal wall panelling and two types of external wall panelling?
How is internal panelling different from that of the external one?
Discuss the role of ACP in wall panelling, why is it used over other materials?
4. Describe with neat sketches (Any two) :
 - a) Pneumatic structures
 - b) Tensile structures
 - c) Barrier Free Design Considerations

4 x 25 marks = 100 marks