

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE
Mid term Examination - 2020

Semester: II

Subject Code: 01101152

Subject Name: Building Material and Construction Technology - II

Date: 21/02/2020

Time: 1:30pm to 4:00pm

Total Marks: 50

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Sketches are compulsory wherever required.

Q.1	Draw in detail, with labelling and measurements (Any one) i) Two brick thick Flemish T-junction (plan and elevation) ii) One and a half brick thick Flemish Squint junction at 45 degrees. (plan and elevation)	(10)
Q. 2	A] Explain ANY ONE from the following (Marks 5) i) What is Paint made of? Explain all its components. ii) Properties of Distemper paint.	(20)
	B] Explain ANY TWO (5+5 = Marks 10) i) Advantages of ACP. ii) List down any five wood finishes. iii) List down the basic types of Glass.	
	C] Define the following terms (Marks 5) i) ACP ii) Distemper paint iii) Patterned glass iv) Squint Quoins v) Emulsion paint	
Q.3	Sketch ANY TWO with labels and measurements, from the following. (5+5 = Marks 10) i) Any one Brick foundation detail. ii) Alternate plan course of One brick thick English bond T-junction iii) Alternate plan course of Three and a half brick thick English bond pier.	(10)
Q.4	Explain ANY TWO from the following. (5+5 = Marks 10) i) What are the uses of ACP? ii) List down the defects found in painting. iii) Explain what is Foam glass.	(10)
