

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BA - SEMESTER- VI EXAMINATION – SUMMER 2020

Subject Code: 1065002

Date: 26/10/2020

Subject Name: Building Construction-VI

Time: 10:30 AM TO 01:30 PM

Total Marks: 40

Instructions:

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1.

(a) Differentiate between stairs and ramp.(with sketches) (04)

(b) Explain & Draw any four of the following:

Doglegged, four flight staircase, straight staircase, spiral staircase,
Helical staircase. (04)

Q.2

(a) Explain coanda Effect. (04)

(b) Enlist the various types of floors and explain each of them. (04)

Q.3 Explain glazed curtain walls & structural glazing. With necessary sketches & section. (08)

Q.4

(a) Enumerate the Different types of paints. (04)

(b) What are the design considerations for lighting in a swimming pool? (04)

Q.5

(a) Write a short note on.(any one) (04)

(i) Glass partition

(ii) Timber partition

(b) Enlist and explain in brief the different components of an air conditioning duct system. (04)

Q.6

Define elevators and explain the various parameters to be considered while designing
Elevators. (08)
