

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BID - SEMESTER-I EXAMINATION – WINTER 2022

Subject Code:2X15104

Date:03-03-2023

Subject Name:Interior Material & Technology-I

Time:10:30 AM TO 01:30 PM

Total Marks:40

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

Q.1 (a) Explain with sketches : All the layers of earth to form rocks and explain 3 geographical typology of rocks. **08**

Q.2 (a) Draw 5 bamboo joints with sketches. **08**

OR

Q.2 (a) Explain all the mud techniques with sketches. . **08**

Q.3 Draw and give solution: **06**

- (a) Give growth, types and properties as well as uses of bamboo.
- (b) Differentiate with necessary sketches: random rubble masonry and ashlar masonry.
- (c) Give definition of:
Plinth,
Lintel,
Foundation
Sill.

Q.4 (a) Draw 4 types of Hollow concrete blocks with their material and usage. **04**

Q.5 (a) Draft one and half brick thick wall in english as well as in flemish bond. Draw Plan of 1st , second course,front and side elevation both. **14**