

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

## GUJARAT TECHNOLOGICAL UNIVERSITY

**BID- SEMESTER-I EXAMINATION – SUMMER 2023**

**Subject Code:2X15104**

**Date:25-07-2023**

**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)** Give answers of the following: **08**
1. What are the uses of bamboo in interior design?
  2. Which type of stone is used in construction of Taj Mahal?
  3. Which architect's name is famous with brick architecture?
  4. Give definitions: coping, sill, lintel, beam
  5. Give definitions: half bat, three quarter bat
- Q.2 (a)** Sketch any two bamboo joineries. **04**
- (b)** Sketch and give classification of bamboo according to their growth. **04**
- OR**
- (b)** Explain basic difference between English bond and Flemish bond. **04**
- Q.3 (a)** Draw brick in a proper scale and explain its basic terminology with indication in sketches. **04**
- (b)** Give definitions with necessary sketches: King closer, Queen closer. **04**
- OR**
- Q.3 (a)** Give definitions with necessary sketches: corbel, cornice **04**
- (b)** Give the difference between rubble masonry and ashlar masonry. **04**
- Q.4 (a)** Give different typology of stone according to their geological properties. **04**
- (b)** Explain classification of brick according to their class and manufacturing. **04**
- Q.5 (a)** Explain rat trap bond and zigzag bond with necessary sketches. **04**
- (b)** Explain one and half brick thick English bond with necessary drawings. **04**
- OR**
- (b)** Explain one and half brick thick Flemish bond with necessary drawings. **04**
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