

P P SAVANI UNIVERSITY

First Semester of B. Arch Examination

Jan 2023

SAAR1560 Building Construction & Technology-I

13.01.2023, Friday

Time: 01:00 p.m. To 03:00 p.m.

Maximum Marks: 40

Instructions:

1. Write main answer sheet no. in your block report under main supplementary.
2. Read instructions carefully before starting.
3. All construction lines must be clearly visible for drawing based answers.
4. Use proper intensity of lines in drawings. Neatness of drawing and lettering is important.
5. Assume suitable data where necessary.
6. Data given and assumed, in questions must be mentioned in the answers.

Q - 1	Draw an isometric sketch of the following bricks with proportionate measurements :	[10]	CO	BTL
(i)	King Closer		1	2
(ii)	Queen Closer		1	2
(iii)	Mitred Closer		1	2
(iv)	Half Bat		1	2
(v)	Single Bullnose		1	2
(vi)	Cownose		1	2
(vii)	Full brick		1	2
(viii)	Three quarter Bat		1	2
(ix)	Queen Closer Quarter		1	2
(x)	Double Bullnose		1	2
Q - 2	Draw alternate courses in plan for a partition wall OR	[05]	2	3
Q - 2	Write General Rules of Bonding	[05]	2	1
Q - 3	Draw two alternate courses in plan of one brick thick wall in single Flemish Bond in 1: 10 scale OR	[10]	2	3
Q - 3	Draw two alternate courses in plan of one brick thick wall in English Bond in 1: 10 scale	[10]	2	3
Q - 4	Compare rules of bonding for English and Flemish Bonded walls.	[15]	2	3

CO : Course Outcome Number

BTL : Blooms Taxonomy Level

Level of Bloom's Revised Taxonomy in Assessment

1: Remember	2: Understand	3: Apply
4: Analyze	5: Evaluate	6: Create