

B.Des. Examination, 2016
Specialization in Furniture & Interior
Semester - VII
Paper: FI-VII/04
Sub: Material & Product Technology-III

Time: Three Hours

Full Marks: 40

Questions are of equal value or as indicated in the margin.
Answer *Question No. 1* and *any three* from the rest.

1. Draw detail section through a 10" thick load-bearing wall of a single storied residential building with proper labelling of its parts. 16

OR

Draw detail ground floor plan and section through a "Half turn doglegged staircase with half-landing" of a single storied residential building. 16

2. Describe *any four* of the following in brief with sketches if needed:
- a) Dead load;
 - b) Live load;
 - c) Window Jamb & Sill;
 - d) Riser & Tread;
 - e) Hand Rail;
 - f) Winder. 4x2=8
3. Draw schematic view of the following four Arch forms: Flat Arch, Round Arch, Two-centered Acute Arch and Stilted Arch. 4x2=8
4. Draw freehand sketch of four different forms used to create openings on wall. 4x2=8
5. Describe with sketches *any two*: 2x4=8
- a) M S Grill
 - b) Dead Plenum space
 - c) Framed structure
6. Name and make graphic representation of "any eight symbol representing various electrical points in a layout plan" **OR** "Any eight sanitary fillings on a layout plan". 8x1=8
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