

Seat No. : _____

TZ-102

**B.Arch/ID/BCT Semester VI Regular Examination
May-2013**

CONSTRUCTION TECHNIQUES –VI (AR-602) (Old Syllabus)

Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) **All** questions are compulsory.
(2) Figures to the right indicate full marks.
(3) Draw neat and clean sketches.
(4) Assume additional data, if necessary and state the same clearly.

1. Elaborate on different types of lifts that are available in the building industry. Sketch and explain the plan and a section through the lift shaft showing various parts. **30**

OR

For a Residential Kitchen draw a cross section through a Drawer unit showing skirting / tie space, platform top with dado and above storage units. Mention all materials with their sizes.

2. Write short notes : any **two** **20**
- (1) Types of plaster
(2) Types of false ceiling based on material
(3) Types and use of Ducts for electrical, water supply and drainage
(4) Modular furniture
3. Differentiate between the following : any **four** **20**
- (1) Focus point and Epicenter of an Earthquake
(2) Vitrified Tiles and Kotah Stones
(3) PVC doors and Wooden doors
(4) Ceramic tiles and Mosaic tiles
(5) Distemper and Oil paint
(6) Glass block and Concrete block



4. Draw an ideal swimming pool to explain basic standard criteria of physical dimensions, safety features, services, maintenance issues and finishes etc. **20**

OR

Explain different types of partition system. Sketch different elements and joinery details of any one type of partition system.

5. Fill in the blanks : any **five** **10**

- (i) Plywood is available in _____ mm, _____ mm, _____ mm thickness.
 - (ii) Names of the two Paint Manufacturing companies are _____ and _____.
 - (iii) Kitchen chimney is available under brand names of _____ and _____ .
 - (iv) _____ and _____ are two types of lifts.
 - (v) Full form of ACP _____.
 - (vi) Double skin partitions are good for _____.
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