

Roll No. 

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 01

Total No. of Questions : 07

**B. Architecture (2012 & Onwards) (Sem.-5)**  
**BUILDING CONSTRUCTION & MATERIALS-V**  
**Subject Code : BACH-502**  
**M.Code : 71746**

Time : 4 Hrs.

Max. Marks : 75

**INSTRUCTIONS TO CANDIDATES :**

1. Question ONE is COMPULSORY.
2. Attempt any TWO questions from EACH UNIT.
3. All questions carry EQUAL marks.

**1. Write short notes on :**

- a) Manufacturing of Aluminium.
- b) Manufacturing of Stainless steel.
- c) Sketch of grillage foundation showing all details.
- d) Sketch showing PVC sheet fixing inside Aluminium Box sections.
- e) Sketch showing Fixing of extruded Aluminium sections in partition.

**UNIT-I**

2. Sketch various types of MS Sections used in Building Construction and their sizes.
3. Sketch various types of SS Sections used in Building Construction and their sizes .
4. Sketch various types of Aluminium Sections used in Construction and their sizes.

**UNIT-II**

5. Make the suitable details (On scale) of use of stainless steel in Balustrade of SS Staicase.
6. Make the suitable details (On scale) of use of Sliding door with aluminium and pre-stressed MS box sections.
7. Make the suitable details (On scale) of North Light truss over waiting area in a hospital.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**