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Total No. of Pages : 02

Total No. of Questions : 05

B. Arch. (Sem.-9)
BUILDING CONSTRUCTION – VIII
Subject Code : AR-523
M.Code : 45065

Time : 4 Hrs.

Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :

1. Attempt any **THREE** Questions in total.
2. Question No. 1 is **COMPULSORY**. Use any suitable scale for your drawing work.
3. Assume any missing data.

1. Prepare the following working drawings from the given plan (Figure A) :

- a) First floor plan
- b) Any one detailed elevation or any one detailed section

Mention all material specifications on your drawings. (50)

2. Discuss the concept of prefabrication in building industry. Give advantages and disadvantages of on-site and off-site prefabrication. Sketch out **any 3** prefabricated building components. (25)
3. Highlight the concept of modular coordination in buildings. Describe a basic module "M". Give sketches of **any 3** structural modules. (25)
4. What are curtain walls? Where are they used? Describe materials used for constructing curtain walls. Draw cross section of any one curtain wall system giving all dimensions and specifications. (25)
5. Draw detailed working drawing plan of a commercial kitchen. Assume suitable size of the commercial kitchen. (25)

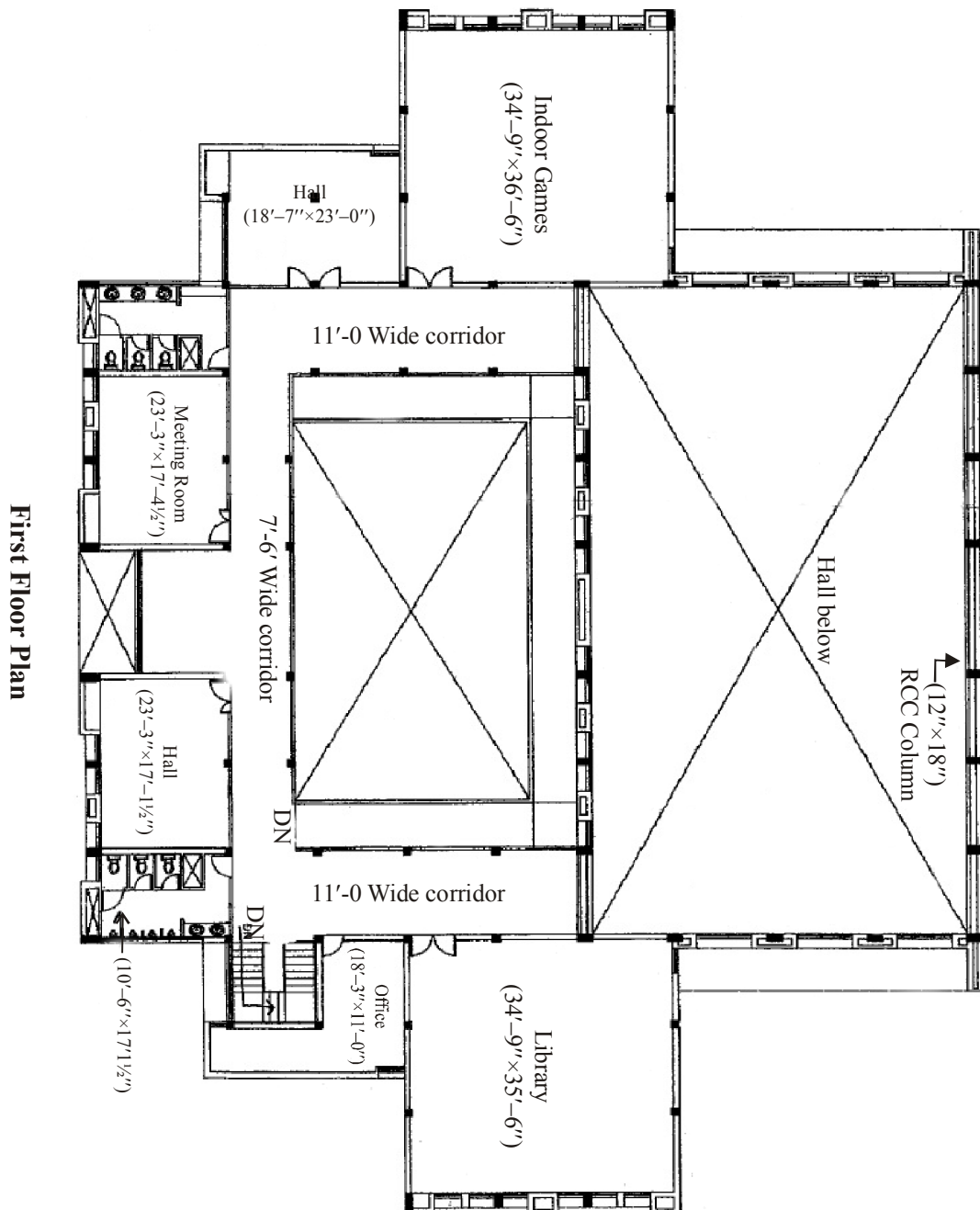


Figure - A

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.