

Roll No-:

Department of Architecture
National Institute of Technology, Hamirpur (H. P.)
Name of the Examination: M. Arch. (1st year)
(MID TERM EXAM)

Branch : Architecture

Semester : 1st Sem

Course Name: **Intelligent Building & Futuristic Architecture**

Course Code: **AR - 706**

Time: **2 Hours**

Max. Marks : **50**

Note: Answer all the questions. Answers should be brief and to the point.

Q.1. Write short notes on any four (5) of the following: (5X6)

- a. Multi agent Control system
- b. Role of Passive Intelligence in Intelligent Building.
- c. Benefits and Threats of Intelligent Buildings.
- d. Energy Management Function
- e. Biomimicry
- f. Verticality in Architecture

Q.2. Write a detail note on Multi criteria Evaluation. Give a suitable example. (6+4)

Q.3. Differentiate between Programme generated Architecture and Data-driven Structures. (5+5)