



**DAP-13073**

Seat No. \_\_\_\_\_

**B. Architecture (Sem. VI) Examination**

**May - 2022**

**Subject: Building Construction- VI**

Time : 4 Hours]

[Total Marks : 80

**Instructions :** Answer any Four (4) questions out of following  
Five(5) questions.

- 1** Explain with neat sketches : (Any **Four**) **20**
  - (1) Jack Arch
  - (2) Base Isolator
  - (3) Precast Hollow concrete slab
  - (4) Precast construction detail for beam - column & beam  
- floor Junction
  - (5) Ductile details in Typical rigid frame beam
  
- 2** Explain Tagconstruction system with wall section and **20**  
necessary sketches.
  
- 3** Write notes with supporting sketches of the following : **20**  
(Any **Two**)
  - (1) Precast construction
  - (2) Steel wood composite as structural member in  
construction system
  - (3) Explain the cyclone resistant detail of wall and roof  
in assembly structure

- 4 Discuss Dajji -Diwari as Integrated Response to its **20**  
geographical conditions, material resources and sub-super  
structure systems.
- 5 Discuss effect of earthquake on Load Bearing structure **20**  
and earthquake resistant details with neat sketches.
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