

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

B. ARCH, III YEAR - VI SEMESTER EXAMINATION (REGULAR), MAY 2015

BUILDING CONSTRUCTION (BC- 6)

Maximum Marks – 100

Time – 3.00 Hours

- a) Answer any Five questions;
b) Question No. 8 is compulsory.

- Q1. Explain the role and applications of Rain Screen as a Wall Cladding element in Building Construction. (20)
- Q2. Explain in detail about external paving materials and applications used for a neighbourhood park. (20)
- Q3. Explain in detail about Material and Construction challenges in pre-fab construction. (20)
- Q4. Write about any two wall finish materials in detail with their properties and applications. (20)
- Q5. Write in detail about ETFE plastics and cellular poly carbonate glazing. (20)
- Q6. Write about in detail on natural stone flooring materials and their applications with neat sketches. (20)
- Q7. Explain in detail about Building Integrated Photo Voltaics. (20)
- Q8. Write short notes on *any four* of the following (4 X 5 = 20)
- a) Exposed Concrete Facades.
 - b) Sheet Metal Facades.
 - c) Corten steel.
 - d) GFRC.
 - e) Paint finish.
 - f) Specification (Standard) of any two flooring material.