

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA
B. ARCH, III YEAR - VI SEMESTER EXAMINATION (SUPPLEMENTARY) JULY 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 in detail about the properties and applications of glass fibre reinforced concrete in building construction. (20)
- Q2. Explain in detail about measures and applications of composite metal pannels as a wall cladding material. (20)
- Q3. What are the advantages of self compacting concrete (SCS) over conventional concrete in building construction. (20)
- Q4. Explain in detail with neat sketches about external paving materials and their applications used for a residential building. (20)
- Q5. Enumerate the flexibility of materials used in pre-fab construction. Explain with any three examples. (20)
- Q6. Explain in detail about measures and applications of corten steel. (20)
- Q7. Write down the procedures involved in wall surface finishes. (20)
- Q8. Write short notes on *any four* of the following (4 X 5 = 20)
- a) Terracotta and brick slips
 - b) GRP brick panels.
 - c) Formed metal sheets
 - d) Timber cladding
 - e) ETFE plastics.
 - f) BIPV.