

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST-3 EXAMINATION-December 2017

M. Tech. III/Ph. D. I-Semester

COURSE CODE: 11M1WCE332

MAX. MARKS: 35

COURSE NAME: Advanced in Construction Material

COURSE CREDITS: 03

MAX. TIME: 2.00 Hrs

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means. Assume any missing data suitably.

1. Write the various water proofing material and its property available in the market. [5]
2. Write the smart and intelligent materials used in the construction industry. [5]
3. Write the definition, classification and behaviors of composite materials. [5]
4. Describe the FRP composites. [5]
5. Explain in brief the construction chemicals. [5]
6. Write the use of plastic material in construction incorporating architectural point of view. [5]
7. Write the utility of smart and intelligent material in bridges, skyscrapers and other important structures. [5]