

Dr. Amandeep.

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- SEPTEMBER 2018

M.Tech 3rd Semester

COURSE CODE: 11M1WCE332

MAX. MARKS: 15

COURSE NAME: Advances in Construction Materials

COURSE CREDITS: 3

MAX. TIME: One Hr

Note: Attempt All the Questions. Carrying of mobile phone during examinations will be treated as case of unfair means.

1. Differentiate SCC from conventional concrete. Explain the properties of SCC with its specification in detail. (5)
2. Answer the following questions
 - (a) What do you mean by two part polyurethane's? (1)
 - (b) After the application of top coat with Fibfloor SL the curing time for, and (1)
 - (c) Make a list of the specifications for Fibfloor SL. (2)
3. Please select a correct statement from the following statements:
 - (a) Height of each layer should not be greater than 520 mt while placing of SCC.
 - (b) VMA is used to control the temperature rise and shrinkage cracking.
 - (c) For passing ability of the SCC the acceptable difference in height between inside and outside should be 0 to 10 mm. (1)
4. Epoxy is proved as an aid to the construction field. Explain in detail with the properties and its uses. (5)