

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- OCTOBER 2018

M.Tech 3rd Semester

Dr. Amandeep

COURSE CODE: 11M1WCE332

MAX. MARKS: 25

COURSE NAME: Advances in Construction Materials

COURSE CREDITS: 3

MAX. TIME: 01:30 Hr

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

1. Differentiate high performance concrete from self compacting concrete. (5)
2. Answer the following questions
 - (a) What do you mean by LATEX? Make a list of latex types. (2)
 - (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. What do you mean by HPC. Please explain the methods to achieve high performance along with its advantages and disadvantages. (8)
5. What are the geotextile? Explain its advantages and disadvantages along with its types in detail. (6)