

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- September 2018

B.Tech VII Semester

COURSE CODE: 10B13CE744

MAX. MARKS: 15

COURSE NAME: Advanced Concrete Technology

COURSE CREDITS: 3

MAX. TIME: One Hour

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*Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means. All questions carry equal marks.*

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1. What is the significance of superplasticized flowing concrete to the construction industry?
2. Write a short note on selection and proportioning of mixtures suitable for use in fibre reinforced concrete?
3. In how many ways polymer can be added in concrete? Explain in detail.
4. What is the principle advantage of using fibre reinforced concrete? Explain how the concrete acquires this property.
5. In high rise buildings what are the advantages of constructing shear walls and columns with high strength concrete.