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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION- December 2019

M.Tech 1st Semester

COURSE CODE: 10M1CE114

MAX. MARKS: 35

COURSE NAME: Construction Safety and Health

COURSE CREDITS: 3

MAX. TIME: 02:00 Hr

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

1. In the Kajima Cut & Take Down method, hydraulic jacks have a lifting capability of tons and load carrying capacity of each. (1)
2. What do you mean by FACU and what are the different function of FACU . (4)
3. Explain the following with the help of sketches (if needed): (8)
 - a) Protected Premises Systems
 - b) Central Station System
 - c) Make a list of Heat-Sensing Fire Detector Color Coding, Temperature Classification and Temperature Rating in case of heat detector
4. Explain different types of heat detectors and their principles with the help of figure. (8)
5. Make a list of different general safety & health provisions codes provided by OSHA. (8)
6. Make a comparison of different types of construction equipment. (6)