

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- OCTOBER 2018

M.Tech 1<sup>st</sup> Semester

Dr. Amerdeep

COURSE CODE: 10M11CE115

MAX. MARKS: 25

COURSE NAME: Mechanical and Electrical System in Building

COURSE CREDITS: 3

MAX. TIME: 1:30 Hr

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

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1. What do you understand from fire escape? Explain different types or methods of fire escapes with the help of neat sketches. (8)
2. Answer the following questions
  - (a) Make a list of advantages and disadvantages of Intercepting traps? (2)
  - (b) The water seal is normally ..... to ..... deep. (1)
3. Please select a correct statement from the following statements:
  - (a) Make a flow chart to show the plumbing cycle. (1)
  - (b) The diameter ranges from .... to ..... in case of bored well. (1)
4. What are the design guidelines for smoke and fire control systems. Make a list of different types of detectors. (5)
5. What is the difference in a residential and commercial building space planning? Discuss all the points in detail. (7)