

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

D. ARCH - SEMESTER- 3RD • EXAMINATION – WINTER - 2016

Subject Code: 3336206

Date: 28/11/2016

Subject Name: BUILDING SERVICES

Time: 10:30 AM TO 12:30 PM

Total Marks: 50

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a)** Write full form of following(ANY FOUR) **05**
1. MCB
 2. UPS
 3. AC
 4. CFL
 5. HVAC
- (b)** Write short notes (ANY TWO) **05**
1. MCB
 2. Inverters
 3. Earthing
- Q.2 (a)** What do you understand by Air conditioning? Where and why is it used? **05**
- (b)** Explain different types of fire extinguishing equipments? **05**
- Q.3 (a)** Explain the basic working of a window air conditioner. **05**
- (b)** Explain the different nature of damages caused by fire. **05**
- Q.4 (a)** What is the lift? Explain the function of lift? **05**
- (b)** Write short notes on (ANY TWO) **05**
1. Fuses
 2. MCB
 3. Inverters
 4. Earthing
- Q.5 (a)** Explain any two **05**
1. Fuses
 2. Escalator
 3. Light sources
 4. LED
- (b)** What are the difference between lift and escalator? And write short notes on various component of lift and escalator. **05**