

BE/Insem. - 99

Total No of Questions: [06]

SEAT NO. :

[Total No. of Pages: 1]

B.E 2012 (INSTRUMENTATION & CONTROL)

Building Automation - I (406264)

(Semester - I)

Time: 60 minutes

Max. Marks : 30

Marking Scheme

- Q1) a) Diagram-----02 Marks
Working-----04 Marks
b) Lifecycle of building-----04 Marks

OR

- Q2) a) Diagram-----02 Marks
Working-----04 Marks
b) Stakeholder in BAS system design ----four Point each carry one marks---04 Marks

- Q3) a) Diagram-----02 Marks
Working-----04 Marks
b) III. Dry bulb & Wet bulb temperature-----02 Marks
IV. Specific Heat-----02 marks

OR

- Q4) a) Explain in detail
I) Static Pressure-----02 Marks
II) Velocity Pressure -----02 Marks
III) Absolute Pressures----02 Marks
b) Importance of CO2 in BAS System---Four point each carry one marks----04 marks

- Q5) a) Diagram-----02 Marks
Working-----04 Marks
b) Psychrometric chart---- Four point each carry one marks----04 marks

OR

- Q6) a) Characteristics of different types of Damper-- Six point each carry one marks----
06 marks
b) Cooling Coil used in AHU--- Four point each carry one marks----04 marks