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SEAT No. :

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406265D

BE / Insem. - 106

B.E (Instrumentation and Control) (Semester-I)

**SENSOR NETWORKS (Elective-II) (In Semester)
(2012 Pattern)**

Marking Scheme

[Time: 1 Hour]

[Max. Marks : 30]

Unit-I

- Q.1 a) should write at least seven comparison points -05 marks
b) Definition and explanation of sensing - 2.5 marks
Definition and explanation of sensors in detail. - 05 marks

OR

- Q.2 Explanation of WSN -07 marks.
Diagram -03 marks

Unit-II

- Q.3 Motivation of structural health monitoring -05 marks
Global inspection techniques and - 2.5 marks
Local inspection techniques in detail -2.5 marks

OR

- Q.4 Explain the processing components of the artificial retina -06 marks
Diagram. -04 marks

Unit-III

- Q.5 At least 10 comparison points of SPI and I²C- 10marks

OR

- Q.6 Explain IMote Node Architecture in detail- 10marks