MODEL QUESTION PAPER

MFET1 - P

I Semester M.TECH Examination, August 2011
SEMICONDUCTOR DEVICES AND MODELLING

Time: 01 Hours   Max.Marks: 25

Q.1   Explain intrinsic and extrinisic semiconductor in detail.

Q.2   Explain heterostructure FET.

Q.3   Find primitive vectors of the reciprocal lattices for simple cubic, BCC and FCC lattices?

Q.4   Draw the charge control model.

Q.5   Write a short note on thermionic field emission?

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