



[The Art Of Molecular Dynamics Simulation Pdf Downloadl](#)

**V - S - M.Sc. - (Tech.) - Mat. Sc. & Engg. -**  
**MES - 501 - (IM & S) - R & B**

LectureNotes **2017**

**Full Marks - 70**

**Time - As in the Programme**

*The figure in the right hand margin indicates marks.*

*Answer Question No. 1 which is compulsory and any FIVE from the rest.*

1. Answer the following questions : [2×10]

- (a) What is the need of simulation and modeling ?
- (b) What is phase space ?
- (c) What is canonical ensemble ?
- (d) What are independent variable ?
- (e) What are mesoscopic length scale and time scale ?
- (f) What is the use of ab Initio method ?
- (g) What do you mean by molecular dynamics ?

[ Cont...

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