

SARASWATI MAHILA MAHAVIDHYALAYA, PALWAL

LESSON-PLAN

Class: B.sc 2 year

Semester: EVEN

Subject: statistical physics

Session:

2021- 22

Lecture Number	Topic
1	Probability , some probability consideration combination possessing max probability , combinations possessing minimum probability,
2	Distribution of molecules in two boxes , case with weightage , phase space
3	Microstate and macrostate thermodynamical probability
4	Striling formula most probable distribution
5	Revision n numerical
6	Postulate of Statistical physics . Division of phase space
7	Condition of equilibrium between two systems in thermal contact, beta parameter
8	Entropy n probability, evaluation of A and b .B.E Statistics
9	Application of B.E statistics to planks radiation law B.e gas
10	Revision n numerical
11	F.D statistics degeneracy n Bose condensation , finding equation
12	Fermi dirac gas and Fermi energy Fermi energy at absolute zero
13	Electron gas in metals specific heat anomaly of metal
14	Degeneracy of Fermi gas week degeneracy at absolute zero
15	Continuum limit for F.D numerical
16	Revision of unit
17	Test

Signature:

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