

CC14 (Statistical Mechanics)

Internal Examination - 1, Semester - VI, F.M. - 10, Date: 07/07/2021

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1. Statistical mechanics gives meaningful result if the number of particles in the system is

- small
- infinity
- very large
- none of these

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2. The value of probability of an event cannot be

- 1
- 1/2
- zero
- negative

3. Thermodynamic probability of a system in equilibrium is

- maximum
- minimum but not 1
- 1
- zero

4. The probability of occurrence of two independent events is equal to their

- sum
- difference
- product
- ratio

5. Two phase curves in a phase space can

- not intersect
- intersect
- intersect in some cases
- neither of these

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