

**R.S.P College**

Dept. of Physics

Internal Question

Semester VI

Core 13

F.M 20

Write any two of them. All question carries equal marks.

Q1. Derive maxwell Distribution law?

Q2 What is Babinet compensator ?

Q3. What is Circularly, plane elliptical polarized light?

Q4. Explain Biot Law of Rotary polarization?

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Dept. of Physics

Internal Question

Semester VI

Core 14

F.M 20

Write any two of them. All question carries equal marks.

Q1. What is Maxwell Boltzmann Distribution law?

Q2. What is Gibbs paradox?

Q3. What is Planck black body radiation law ?

Q4. What is Fermi Dirac Distribution law?

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Dept. of Physics

Internal Question

Semester VI

DSE 03

F.M 20

Write any two of them. All question carries equal marks.

Q1. Derive Hamilton's Principal.

Q2. What is Minkowski space?

Q3. What is Lorentz Transformation ?

Q4. What is Harmonic Oscillator?

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Dept. of Physics

Internal Question

Semester VI

DSE 04

F.M 20

Write any two of them. All question carries equal marks.

Q1. What is electric Quadruple moment.

Q2. Explain Principle , working of Bubble Chamber?

Q3. What is GM counter. Explain its Working?

Q4. What is Cyclotron ?