Satya Student Support Portal

PHYSICS

SEMESTER-3rd , MJC, MIC

BASED ON NEP CBCS 2023 SYLLABUS:

SEMSESTER -3RD

SUBJEC – PHYSICS

PAPER**T** – MJC & MIC

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PHYSICS

1. To determine the coefficient of Thermal Conductivity of a conductor (in form of a metallic rod) by Searle's Apparatus.

2. To determine temperature coefficient of resistance using Platinum Resistance thermometer.

3. To determine Mechanical Equivalent of heat (J) with the help of Joule's Calorimeter.

4. To study the variation of Thermo-emf of a thermo-couple with difference of temperature of its two junctions using a null method.

5. To calibrate the Ammeter & Voltmeter by Potentiometer.

6. To find the low resistance by Carey Foster's Bridge.

7. To determine the figure of merit of a Moving Coil Galvanometer.

9. To determine Self Induction of a coil by Anderson's Bridge.

10. To compare capacitances of condensers by De Sauty's Bridge.

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