

Burdwan Raj College
Department of Electronics
Internal Assessment: Home Assignment

**(To be submitted to designated email id mentioned below positively by
November 17, 2020)**

Semester: II

Subject: *Honours*

Paper: CC 4 (Applied Physics)

Send your assignments to (email id): brcelechg@gmail.com

Answer the following two questions:

10x2=20

1. Compare dia-, para- and ferromagnetic substances. On the basis of Langevin's theory show that diamagnetic susceptibility is independent of temperature.

3+7

2. What is Seebeck effect? How does it work? What is the difference between Seebeck effect and Peltier effect?

2+3+5

Procedure of Appearing in the Internal Examination:

- 1. Download the question paper from the "online examination" section of the College portal: www.burdwanrajcollege.ac.in**
- 2. Write your assignment on blank white A4 size papers.**
- 3. The assignment must carry the following details of the student:**
 - a. Name of the Student
 - b. University Roll Number
 - c. University Registration Number
 - d. Name of the Paper
 - e. Mobile Number of the Student
- 4. Examinees will have to submit their own hand-written answer scripts electronically to the mail id specified by the College in a single pdf file.**
- 5. On the subject-line of the mail write your Name and University Roll No.**