

**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: *General/GE*

Paper: CC 1B/CP-2 (Practical Electronics)

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

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*Answer the following two questions:* **10x2=20**

**1. Show that logarithmic and exponential amplifier can be designed using op amp.** **5+5**

**2. Draw the block diagram of 555 timer. With proper circuit diagram explain the working principle of mono stable multivibrator using 555 timer.** **2+8**

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**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](http://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.**