

Burdwan Raj College

Department of Chemistry

Internal Assessment: Home Assignment

(To be Submitted to designated email id mentioned below by 13th November 2020)

Semester: IV; Subject: Chemistry (*Pass*); Paper: CCIV / GE 4

Send your assignments to (email id): brchemistry81@gmail.com

1. Answer the following questions: (2X5 = 10)
- (a) Write down Raoult's law. Why non-ideal solutions do not obey this law?
 - (b) How does the specific conductance of (I) a strong and (II) a weak electrolyte vary with dilution?
 - (c) Write down the Faraday's laws of electrolysis.
 - (d) Give an example of redox indicator and metal ion indicator.
 - (e) What is BOD (biological oxygen demand) and COD (chemical oxygen demand)?
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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
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.