

# Burdwan Raj College

Department of Physics

## Internal Assessment: Home Assignment

**(To be Submitted to designated email id mentioned below by 20 November 2020)**

**Semester: IV**

**Subject: *Physics – Hons & General***

**Paper: SEC-2**

**Send your assignments to (email id): [brcphsh10@gmail.com](mailto:brcphsh10@gmail.com)**

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**Time – 1 hours**

**F. M. -20**

**Answer any ten questions:**

**10x2=20**

1. Write down the name of the different layers of the atmosphere.
  2. What do you understand by 'Weather Forecasting'?
  3. Graphically represent the variation of temperature with altitude.
  4. What is the importance of atmospheric pressure on weather forecasting?
  5. What are the differences between cyclones and anticyclones?
  6. Show that wind power is proportional to the third power of the wind velocity.
  7. What is anemometer?
  8. What do you understand by global warming?
  9. What are the different types of clouds?
  10. What do you understand by ozone depletion?
  11. What is aerosol? Discuss its effects on human health.
  12. What are the different physical processes which modify solar radiation while passing through the atmosphere?
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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.**