

**University Department of Physics**  
**Dr. Shyama Prasad Mukherjee University, Ranchi**

**NOTICE**

**B.Sc. Physics (GE-1)**

**ONLINE PRACTICAL EXAMINATION**

Exam. Roll Numbers	Date of Examination
19B120066 - 19B120117	<b>25/08/2021</b> <b>Time: 11:00 A.M.-02:00 P.M.</b>
19B130324 - 19B130353	
19B140480 - 19B140536	
19B170257	
20B111354 - 20B111359	
20B121411 - 20B121455	
20B131649 - 20B131697	
20B141702 - 20B141794	

**Link for Joining Online Exam.:**  
**<https://meet.google.com/hir-occc-ais>**

**# Note:**

- ✓ Students will have to send their softcopy of Practical Notebook (consisting 6 Practicals) and Practical Answer Book to the two different Email-IDs respectively.
- ✓ File name of the Practical Notebook (consisting 6 Practicals) should be written as: **Exam. Roll No.\_NB.pdf** e.g. **19B120066\_NB.pdf** and to be sent via **Email: [bscphyge1\\_nb@gmail.com](mailto:bscphyge1_nb@gmail.com)** on or before **12:30 P.M., 25/08/2021.**
- ✓ **The Email-ID for the submission of softcopy of Practical Answer Book** will be shared in the prescribed Google Meet Link on the date of examination. File name of the Practical Answer Book should be written as: **Exam. Roll No.\_PR.pdf** e.g. **19B120066\_PR.pdf**

## B.Sc. Physics (GE-1)

### ONLINE PRACTICAL EXAMINATION

Exam. Roll Numbers	Date of Examination
20B171468 - 20B171493	<b>26/08/2021</b> <b>Time: 11:00 A.M.-02:00 P.M.</b>
20B181631 - 20B181643	
20B512221 - 20B512400	
20B521497 - 20B521615	
Including Old Course Students	

**Link for Joining Online Exam. :**  
<https://meet.google.com/ikb-whof-yvz>

**# Note:**

- ✓ Students will have to send their softcopy of Practical Notebook (consisting 6 Practicals) and Practical Answer Book to the two different Email-IDs respectively.
- ✓ File name of the Practical Notebook (consisting 6 Practicals) should be written as: **Exam. Roll No.\_NB.pdf** e.g. **20B171468\_NB.pdf** and to be sent via Email: **bscphyge1\_nb@gmail.com** on or before **12:30 P.M., 26/08/2021.**
- ✓ **The Email-ID for the submission of softcopy of Practical Answer Book** will be shared in the prescribed Google Meet Link on the date of examination. File name of the Practical Answer Book should be written as: **Exam. Roll No.\_PR.pdf** e.g. **20B171468\_PR.pdf**

**HOD**

## **MODEL QUESTIONS FOR PRACTICAL EXAMINATION**

**Prepare All Six in Practical Notebook**

**(Any Two will be asked in Exam.)**

- 1) Measurements of length (or diameter) using Vernier Caliper,  
Screw Gauge and Travelling Microscope.**
- 2) To determine the Moment of Inertia of a Flywheel.**
- 3) To determine the elastic Constants of a wire by Searle's method.**
- 4) To study the Motion of Spring and calculate  
(a) Spring constant, (b) 'g' and (c) Modulus of rigidity.**
- 5) To determine the value of 'g' using Kater's Pendulum.**
- 6) To determine the value of 'g' using Bar Pendulum.**