**St.Andrew’s College of Arts, Science and Commerce, Bandra-West, Mumbai-400050**

**PHYSICS**

**H.S.C BOARD PRACTICAL EXAMINATION- MAY-JUNE 2021**

Following experiments to be prepared by the XII STD students for their HSC Board PHYSICS Practical Examination - 2020-21

**LIST OF THE EXPERIMENTS AND ACTIVITIES**

**List of Experiments –** **FOR LONG AND SHORT EXPERIMENTS**

 **(No. of experiments 4)**

|  |  |
| --- | --- |
| **SR.NO.** | **NAME OF THE EXPERIMENT** |
| 1. | SONOMETER- I LAW OF LENGTH |
| 2. | RESONANCE TUBE |
| 3. | $E\_{1}$/$E\_{2}$ USING POTENTIOMETER- INDIVIDUAL CELL METHOD |
| 4. | STUDY OF LOGIC GATES |

**List of Physics Activities (No. of activities 2)**

|  |  |
| --- | --- |
| **SR.NO** | **NAME OF ACTIVITIES**  |
| **1.** | EFFECT OF DETERGENT ON SURFACE TENSION |
| **2.** | FACTORS AFFECTING THE RATE OF LOSS OF HEAT OF LIQUID |

**\* \*\* Practical examination will be conducted from 22 May 2021 to 10 June 2021. The detailed schedule will be displayed on College website as and when the College receives the same from the HSC Board.**

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**Students are expected to know the following for Physics Practical Examination:**

1. Circuit diagram / experimental diagram
2. Formula with explanation
3. Observation table
4. Calculation table ( WITH GRAPH IF ANY)
5. CONCLUSION
* **For distribution of marks and details -**

Refer to **Evaluation scheme of Practical examination Physics -page no.2**

of Balbharti Physics Practical notebook.

* **For Viva question and answers** – Refer to the Question and answers given for above list of experiments and Activities IN THE PRACTICAL NOTEBOOK.
* **Keep your journal completed** WITH CERTIFICATION PAGE DULY FILLED.
* **SUBMISSION OF COMPLETED JOURNAL FOR CERTIFICATION- 22 MAY 2021 TO 10 JUNE 2021**

**All the best**

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 **Physics Department**: 1. Mr.Frederick Arland – Vice Principal

 2. Ms. Archana Patil

 3. Ms. Ashwini Gonsalves

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