**INDIAN SCHOOL AL WADI AL KABIR**

**SYLLABUS FOR A.T. II – CLASS XII**

|  |  |
| --- | --- |
| **CLASS** | **PHYSICS** |
| 12 | * **Current Electricity**
* **Magnetic effects of current**
* **EMI and AC**
* **Electromagnetic waves**
 |
| 12 | **CHEMISTRY**  |
|  | * **Amines**
* **p-block elements**
* **d block elements**
 |
| 12 | **BIOLOGY** |
| * **Reproduction in organisms**
* **Sexual reproduction in flowering plants**
* **Human Reproduction**
* **Reproductive health**
* **Principles of inheritance and variation**
* **Molecular basis of inheritance**
* **Evolution**
 |

|  |  |
| --- | --- |
| **CLASS** | **PHYSICS - PRACTICAL**  |
| 12 | * **CYCLE I and II**
 |
| 12 | **CHEMISTRY- PRACTICAL**  |
|  | * **Volumetric Analysis**
 |
| 12 | **BIOLOGY- PRACTICAL**  |
| * **Pollen germination**
* **Soil- Experiments**
* **Spotters- pedigree, controlled pollination, pollination by wind and insects, microscopic slides – testes, ovary and blastula**
 |

**IMPORTANT / PLEASE NOTE:**

* **PRACTICAL EXAMINATION(A.T.II) FOR CLASS XII WILL BE HELD FROM 23.08.15 TO 03.09.15 DURING THE REGULAR LAB CLASSES FOR ALL SUBJECTS – PHYSICS / CHEMISTRY / BIOLOGY**
* **KINDLY FOLLOW THE INSTRUCTION OF THE SUBJECT TEACHERS IN CHARGE FOR MORE DETAILS.**

Jenifer Robinson

Academic Supervisor – Science

18.08.15