Curriculum plan (Odd Semester 2024)

Teacher Name: **Mr. Vikash yadav**

Paper name**: Human Physiology- Life Sustaining Systems Z00-DSC-9**

Class type: zoology hons. II year( III sem) G1& G2 (Practical)

Paper shared with: Dr. Manisha Arora Pandit

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| **Date** | **Practical** |
| 01/08/2024 | Preparation of haemin and haemochromogen crystals. |
| 08/08/2024 | (Repeat) Preparation of haemin and haemochromogen crystals |
| 22/08/2024 | Measurement and statistical analysis of variations observed in the student  population in the class for Red blood cells using haemocytometer |
| 29/09/2024 | Measurement and statistical analysis of variations observed in the student  population in the class for Red blood cells using haemocytometer |
| 12/09/2024 | Measurement and statistical analysis of variations observed in the student  population in the class for white blood cells using haemocytometer |
| 19/09/2024 | Measurement and statistical analysis of variations observed in the student  population in the class for Hemoglobin. |
| 26/09/2024 | Measurement and statistical analysis of variations observed in the student  population in the class for Blood Pressure. |
| 03/10/2024 | Examination of histological sections of mammalian oesophagus, stomach, duodenum, ileum, rectum, liver, trachea, lung, kidney. |
| 10/10/2024 | To study whole blood hemolysis with ammonium chloride solution. |
| 17/10/2024 | To understand the components of blood, their functions and Hematopoiesis. |
| 24/10/2024 | Study of Electrocardiogram; Analysis of ECG records and calculation of heart rate. |
| 14/11/2024 | Detection of abnormal constituents in urine and their physiological significance. |
| **November** | **REVISION and MOCK PRACTICAL TEST** |

Name of teacher

Signature