

DAV PUBLIC SCHOOLS, RANCHI ZONE

2017-18

SYLLABUS BIOLOGY – XII

| MONTH | CHAPTER |
|--------------|--|
| April | * Reproduction in organism * Sexual reproduction in flowering plants * Human reproduction |
| May to July | * Reproductive Health * Principles of Inheritance & variance * Molecular basis of inheritance * Evolution |
| August | * Human health & diseases * Strategies for enhancement of food production * Microbes in Human welfare |
| September | * Biotechnology: Principles & processes * Biotechnology and its applications |
| October | * Organism & populations * Ecosystem |
| November | * Biodiversity and conservation * Environmental Issue |

Weightage of SA - I

| | |
|--------------------------------|-----------------|
| Reproduction (Chapters 1 to 4) | 28 Marks |
| Genetics and Evolution | 36 Marks |
| Human Health and Disease | <u>06 Marks</u> |
| Total | 70 Marks |

Weightage of SA - II

| | |
|-------------------------------|-----------------|
| Reproduction (Chapter 1 to 4) | 14 Marks |
| Genetics and Evolution | 18 Marks |
| Biology in Human Welfare | 14 Marks |
| Biotechnology | 10 Marks |
| Ecology | <u>14 Marks</u> |
| Total | 70 Marks |