**Syllabus Division 2018-19**

**Class XII Sci.**

**Subject: Music**

April – May :

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**XII Sci. (Biology)**

**April –** 1.Reproduction in organisms. 2.Sexual Reproduction in Flowering Plants.

3.Human Reproduction 4.Reproductive health

**May:** 1.Principal of Inheritance. 2.Molecular base of Inheritance.

**July:** 1.Evolution 2.Human health and diseases.

3.Microbes in human welfare 4.Strategies for inhansment in food production.

**Aug:** 1.Organisms and Population. 2.Ecosystem

3.Biodiversity and its conservation.

**Oct:** 4.Environment Issues

**Nov:** 5.Biotechnology and its principal 6.Application of Biotechnology.

**XII Sci. (Maths)**

**April:** 3.Algebra of Matrices

4.Determinants

5.Continuity & Differentiability

**May:** 6.App. of Derivatives

**July:** 7.Integrals

8.App. of Integrals

**Aug:** 9.Differential Equations

2.Inverse Trigonometric Functions

**Sep:** Revision

12.Linear Programming

**Oct:** 10.Vector algebra 1.Relation & Function

**Nov:** 11. 3-D Geometry 13. Probability

**XII Sci. (Physics)**

April: 1.Electric Charges & Field 2.Electric Potential & Capacitance

3.Current Electricity

May: 4.Moving Charges & Magnetic effects

July: 5.Magnetism & magnetic Materials 6.Electro magnetic Induction

7.Alternating Current

Aug: 8.Electromagnetic Waves 9.Ray Optics

10.Wave Optics

Oct: 11.Dual Nature of matter & Radiation 12.Atom 13.Nuclei

Nov: 14.Semi Conductor 15.Communication

**XII Sci. (Chemistry)**

**April:** 10.Haloalkanes and Haloarenes 11.Alcohols,Phenals and ethers

12.Aldehydes,Ketones and carbocyclic acids

**May:** 13.Amines 15.Polymers

**July:** 16.Chemistry in Everyday Life 9.Coordination Compounds

2.Solutions

**Aug:** 4.Surface Chemistry 5.Chemical Kinetics

14.Biomolecules

**Oct:** 3.Electrochemistry 7.P-Block elements

**Nov:** 8.d- and f- block elements 6.Isalation of elements

1.Solid state