

METAS ADVENTIST SCHOOL

Athwalines, Surat

Portions for First Term Examination: 2017-18 Class: XII (Sci)

MATHS:

Section – A

Chapter 2: Functions

Chapter 4: Inverse Trigonometric Functions

Chapter 7: Continuity and Discontinuity of Functions

Chapter 8: Differentiation

Chapter 9: Indeterminate Forms of Limits

Chapter 10: Mean value Theorems

Chapter 11: Application of Derivatives

Chapter 12: Maxima and Minima

Chapter 13: Indefinite Integral – I

Chapter 14: Indefinite Integral – II

Section – B

Chapter 21: Vectors

Chapter 22: Vectors

Chapter 25: Application of Integrals

Section – C

Chapter 26: Application of Calculus in Commerce and Economics

Chapter 27: Linear Regression

PHYSICS:

Chapter 5: Capacitors (from series and parallel connection)

Chapter 6: Electric current: Resistance and Ohm's Law

Chapter 7: Electrical Energy and Power

Chapter 8: Cells, Emf and Internal Resistance

Chapter 9: Kirchhoff's Law and Electrical Measurements

Chapter 10: Elementary Magnetism

Chapter 11: Magnetic Properties

Chapter 12: Magnetic Effect of Current

Chapter 13: Forces on Current and Torque on Dipoles

Chapter 14: Electromagnetic Induction

Chapter 15: Mutual and Self-Induction

BIOLOGY:

Chapter 5: Principles of Inheritance and Variation

Chapter 6: Chromosomes Theory of Inheritance

Chapter 8: Origin of Life

Chapter 9: Theories of Evolution

Chapter 1: Reproduction in Organisms

Chapter 2: Sexual Reproduction in Flowering Plants

Chapter 3: Human Reproduction

Chapter 4: Reproduction health – Problems and Strategies

CHEMISTRY:

Chapter 2: Solutions

Chapter 1: Solid State

Chapter 3: Electrochemistry

Chapter 7: P-block Elements

Chapter 9: Coordination Compounds

Chapter 10: Alkyl and Aryl Halides

Chapter 11: Alcohols, Phenols and Ethers

Chapter 14: Biomolecules

COMPUTER:

Chapter 1: Boolean Algebra

Chapter 2: Computer Hardware

Chapter 6: Function

Chapter 10: Operation on Files

Chapter 12: Concept of Inheritance
Chapter 13: Exception Handling
Chapter 14: Simple Data Structure
Chapter 3: Objects an Classes
Chapter 4: Primitive Values, Types, Casting, Variables and Expressions
Chapter 5: Statements, Control Structure and Scope
Chapter 6: Functions
Chapter 8: Compiling and Running Java Programs
Chapter 9: Java classes: An OOP Perspective
Chapter 11: Recursion
Practical: Java

ENGLISH:

Literature

ISC Collection Of Short Stories: 1,2,3,4,5

ISC Collection Of Poems: 1,2,3,4,5

Much Ado About Nothing: Act 3 Act 4

Language

Do As Directed

Preposition

Correct Form of Word

Composition

Comprehension

MORALS:

Chapter 1: Just In Time

Chapter 2: The Saviour is Born

Chapter 3: The Baptism of Jesus

Chapter 4: The Temptation

Chapter 5: The Marriage Feast

Chapter 6: He Must Increase

Chapter 7: The Sermon on the Mount

Chapter 8: Peace, be Still