

# Mock's Syllabus 2017

## Class 10

### CHEMISTRY:

1. Acid, bases & salt
2. Moles, formula & Stoichiometry

### BIOLOGY:

1. Transport in humans
2. Excretion of homeostasis
3. Respiration
4. Co-ordination & Response ( selected topics)

### COMPUTER SCIENCE:

1. Chapter 1: Binary & hexadecimal
2. Chapter 3: Logic gates & logic circuit
3. Chapter 4: Operating system & computer Architecture
4. Chapter 8: Security & Ethics
5. Chapter 9: Problem Solving & design

### English. Literature:

1. Drama: Macbeth: Act 1 Scenes 5-7
2. Poetry: Song, Passion, Stabat Mater
3. Prose: Billennium

### English Language:

- Directed writing
- Creative Writing

### Math:

1. Chapter 6: Everyday Mathematics
2. Chapter 10: Trigonometry
3. Chapter 11: Further Trigonometry
4. Chapter 13: Angle Properties of Circle

### Add. Math:

1. Chapter 15: Differentiation and its Techniques
  - 15.1: The Gradient function
  - 15.2: Function of a function (Composite Function)
  - 15.3: Product of two functions
  - 15.4: Quotient of two functions

### Economics:

1. Demand and Supply
2. Elasticities
3. Types of business Organization
4. Demand for factors of Production
5. Cost of Production
6. Principles of Profit Maximization
7. Pricing and Output strategies
8. Different size of Firms and Integration
9. Economies of Scale
10. Government as a producer and employer

### Business Studies:

1. Chapters 1-9

### Accounts:

1. Chapters: 14, 15, 16, 17, 24 & 25

### Physics:

- Unit 11: Melting & Boiling
- Unit 12: Transfer of Thermal Energy
- Unit 13: General waves properties
- Unit 14: Reflection and verification of light
- Unit 15: Converging lens

