

DALY COLLEGE, INDORE

UT1 SYLLABUS CLASS XI CI, JULY 2024

1. ENGLISH

Essay

Comprehension

2.ECO

1.1 Scarcity, choice and opportunity cost

1.2 Positive and normative statements

1.3 Factors of production

1.4 Resource allocation in different economic systems and issues of transition

1.5 Production possibility curves

1.6 Classification of goods and services

2.1 Demand and supply curves

2.2 Price elasticity, income elasticity and cross elasticity of demand

2.3 Price elasticity of supply 2.4 The interaction of demand and supply 2.5

Consumer and producer surplus

3. PHYSICS

Chapter 1 Kinematics

Chapter 2 Accelerated Motion

Chapter 3 Dynamics

Chapter 4 Forces

Chapter 5 Work, Energy and Power

Chapter 6 Momentum

Chapter 7 Matter and Materials

4.CHEMISTRY

Unit 1 Atomic structure

Unit 2 Electrons in atoms

Unit 3 Atoms, molecules and stoichiometry

Unit 4 Chemical bonding

Unit 5 States of matter

5. MATHEMATICS:

Pure Maths

Ch.2- Algebra

Ch.3- Coordinate Geometry

Statistics:

Ch1: Representation of Data

Ch2: Measures of Central Tendency

Ch3: Measures of Variation

6. BIOLOGY

Chapter 1: Cell structure

Chapter 2: Biological molecules

Chapter 3: Enzymes

Chapter 4: Cell membranes and transport

Chapter 5: The mitotic cell cycle

7. COMPUTER SCIENCE

Ch 1: Information Representation and Multimedia

Ch 2: Communication

Ch 3: Hardware

3.2: Logic gates and Logic circuits

Ch 9: Algorithm Design and Problem Solving

Ch 10: Data Types and Structures:

10.1: Data Types and Records

10.2: Arrays

8. PSYCHOLOGY

Ch 1: Biological approach

- Dement and Kleitman

Ch 5: Research Methodology

- Introducing research methodology
- Research methods
- Methodological concepts

9. BUSINESS

Unit 1. Business and its environment.

Unit 5. Finance and accounting.

10. ACCOUNTS

1.1 Types of business entity

1.2 The accounting system

1.3 Accounting for non-current assets

1.4 Reconciliation and verification

1.5 Preparation of financial statements