

Syllabus for UTI (2021-22)
Class XII

English

The last lesson
Lost spring
My mother at 66
Elementary school
The third level

Physics

Ch1. Electric charges and fields
Ch 2. Electrostatic potential and capacitance
Ch 3. Current Electricity

Chemistry

Unit 1. Solutions
Unit 2 Electrochemistry
Unit 3 Chemical Kinetics

Maths

Chapter 2
Inverse Trigonometric functions
Chapter 3 Matrices
Chapter. 4 Determinants

Biology

1. Chapter 1-Reproduction in organisms
2.Chapter 2- Sexual reproduction in flowering plants.
3.Chapter 3-Human Reproduction.
4. Chapter 4- Reproductive health

Computer sc

1. Relation Databases
2. Simple Queries in SQL
3. Table creation and Data manipulation commands.
4. Grouping record, joins in SQL.

Informatics Practices

1.SQL(complete of class xi and xii)
2. Series
3.DataFrame

Physical education

Chapter-1: planning in sports

Chapter-2:

Sports & Nutrition

Chapter-3:

Yoga & life style

Home Science

Chapter 1 -Work , livelihood and career

Chapter 2- Clinical Nutrition and Dietetics

Chapter 3- Public Health and Nutrition

Psychology

Chapter 1 - Variations in Psychological attributes

Chapter 2 - Self and Personality

Accountancy

3rd Book

Chapter 1: Financial Statements of a Company

Chapter 2: Financial Statements Analysis

Chapter 3: Comparative and Common Size statements

Chapter 4: Accounting Ratios

Chapter 1 : Non for Profit Organisation (1st book)

Business Studies

Ch 1 - Nature and significance of Management

Ch 2 - Principles of Management

Ch 3 -Business Environment

Ch 4 - Planning

Economics

Chapter 1:Indian economy on the eve of independence

Chapter 2:Indian economy (1950-90)

Chapter 3: Liberalisation, privatisation and Globalisation;a critical appraisal

History

Theme 1 Bricks, Beads and Bones:The Harappan Civilization

Theme 2 Kings,Farmers and Economies: Early States and Economies(c.600BCE-600CE)

Theme 3 Kinship,Caste and class :Early Societies (c.600BCE-600CE)

Geography

Book 1

1. Chapter 1: Nature and Scope of Geography

2. Chapter 2: The World: Population : Distribution, Density, Growth and Composition

3. Chapter 3: Population Composition

Book 2

4. Chapter 1: Population: Distribution, Density, Growth and Composition

Political Science

Book 1: Contemporary World Politics

Chapter 1: Cold War and Non-aligned Movement

Emergence of two power blocs/Bipolarity, Non-aligned Movement (NAM).

Chapter 2: The End of Bipolarity

Disintegration of Soviet Union, Democratic Politics and Democratization – CIS and the 21st Century i.e Arab Spring.

Applied Maths

Matrices

Determinants

Linear Programming Problems

Painting

1- Art - An Introduction

2- A Brief Introduction to Indian Miniature Schools

3- Rajasthani school of miniature painting

4- Pahari School of miniature painting