

**SECOND TERM ASSESSMENT SYLLABI**  
**ACADEMIC YEAR 2021-2022**  
**Grade 10**

**English**

- Comprehension
- Tenses
- Informal Writing

**Economics**

Chapters 1 -18 from the Book

- The Economic Problem
- Economic Assumptions
- The Demand Curve
- Factors that may shift the demand curve
- The supply Curve
- Factors that may shift the supply curve
- Market Equilibrium
- Price Elasticity of demand
- Price Elasticity of supply
- Income elasticity
- The mixed economy
- Privatization
- Externalities
- The factors of production and sectors of the economy
- Productivity and division of Labor
- Business cost, revenue and profit
- Economies and Diseconomies of scale
- Competitive Markets

Paper will be based on 2 sections

- Section A will be MCQs
- Section B will Case Studies
- Section C will be Objective Question

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Major part of the paper will be from Yellow highlighted above

<b>Mathematics</b>
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**ALGEBRA:**

You have been very weak in Algebra and this term in addition to other content, we went through year 9 and book 1 Algebra completely again. Be sure to revise properly from your class work, and exam practice we did, make sure you know the difference between expand, simplify, and factorization, also make sure YOU DO NOT solve simplify, expansion and Factorization problems like an equation, you are in year 10 and should by now know the difference, solving an equation mean finding an unknown.

**DATA HANDLING**

- 1) Mean Median and Mode
- 2) Quartiles on graph (Upper, lower and Median), IQR
- 3) How to make a Cumulative frequency graph
- 4) How to answer questions from Cumulative frequency graph

**CONSTRUCTIONS:**

- 1) PERPENDICULAR BISECTOR
- 2) ANGLE BISECTOR
- 3) BEARINGS

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**Business Studies**

**Chapters 1 -17 from the Book**

- What is Business Activity
- Business Objectives
- Sole Traders, Partnerships, Social Enterprise and Franchises
- Limited Companies and Multinationals
- Public Corporations
- Appropriateness of different forms of ownership
- Classifications of Businesses
- Decision on Locations
- Globalization
- The importance and growth of Multinational companies
- International Trade and exchange rate
- Government objectives and policies
- External factors
- Measuring success in business
- Reasons for business failure
- The importance of communication
- Barriers to communication in business

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**Biology**

- Movement of Molecules in and out of the cell
- Cell Differentiation
- Stem Cells
- Food Molecules + Food test

**Physics**

Short Logical questions with word problems to solve, be sure to memorize relevant formulae

UNIT5

- 1) DENSITY
- 2) PRESSURE
- 3) PRESSURE IN FLUIDS (The laws related to pressure, volume and temperature)

UNIT 4

- 1) ENERGY (Types of energy)
- 2) POTENTIAL ENERGY AND KINETIC ENERGY

**Accounting**

- Chapter 7  
Depreciation
- Chapter 9  
Correction of Errors

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- Chapter 10  
Control Accounts

**Computer Science**

The following skills will be assessed during the assessment:

- Using Tkinter to draw shapes (rectangle and oval) on a canvas
- The task will be to design a simple animation using Python.
- Iteration using While loop and for loop
- Libraries including tkinter and time

**Urdu**

Listening

Speaking

Themes (2)

Role Play

Picture Description.

Reading and understanding.

Writing.