F. Difficult Subjects, Topics and Hard Spots

Students and teachers were asked to identify the subjects and topics in the subjects which the students find difficult. Here we shall look at these difficult topics or hard spots as identified by them in QS 1, QT 2, FDS 7 and FGD 8. In preparing this list we have also consulted some experienced teachers who were not included in the samples selected for this study. Hence the lists given here are based on various sources.

Difficult Topics and Hard Spots of Secondary School – Class 10 Students

Many students say that all the subjects are difficult. Some teachers also say the same thing. Here is a list of difficult topics and hard spots below.

Mathematics

Real numbers and Rational numbers
Formulae and their applications
Mathematical deduction.
Continuity
Calculus
Differentiation
Installments

Mensuration	Surface Areas& volumes
Algebra	Polynomials
	Linear equations – geometric representation and variables
	Quadratic equation
Trigonometry	Ratios
	Calculating Heights
	Distances
	Word Problems
Geometry	Triangles
	Circles
	Coordinates geometry
	3D figures
	Quadrilaterals
	Constructions

Social Sciences

Economics	Indian Economy: Theories
	Balance of payments
	Micro economics
	Demand and supply
	Consumer behavior.
History	Ancient India
	Nationalism in India – emergence and growth
	Industrialization and urbanization in India
Political Sc.	Caste
	Communalism
	Pressure group
	Panchayat

Science

Chemistry	Acids, bases and salts
	Chemical reactions
	Bonding
	Alcohol
	Atomic Structure
	Carbon and its compounds
Biology	Environment - Bio-degradable things
	Reflex actions
	Hormones
	Heredity - laws
Physics	Structure of atom
	Solid state
	Magnetic fields
	Force
	Optical centre, focus
	All numerical questions
	Magnetic Effects of current
	Wave and Oscillation

English

Change of voice
Word building and spelling
Miscellaneous Idioms
Vocabulary
Distinction between similar words often confused
Synthesis of sentences
Transformation of Sentences
Complex sentences and their analysis
One word for many
Common phrases
Paragraph writing
Letter writing
Comprehension
Precis writing
Paraphrasing
Beware of Americanism
Abbreviations
Figures of Speech
Tenses
Substance writing
Picture composition
Parts of speech
A Miscellany of Short Stories for Meghalaya Board compiled and edited by
T.W.Philips.
Wings of Poesy by B.T. Brooks
Three Shakespeare Tragedies.

It can be seen from the above, that not many topics are mentioned as hard spots or difficult. In fact, the whole subject is seen as difficult.

Difficult Topics and Hard Spots of Higher Secondary Schools : Class 12 Students

Some students say that entire subjects are difficult. Here is a list of difficult topics and hard spots of Class 12 students of the different streams.

Arts Stream

Economics

Microeconomics:

Micro and Macro Economics
Consumer behavior
Law of Demand
Demand curve
Demand and supply
Cost and revenue
Competition and Monopoly

Theory of Rent
Real and nominal wages
Theory of interest
Gross profit and net profit

Macroeconomics

National Income – GDP, Per capita income
Direct and indirect taxes
Public debt and expenditure
Deficit financing
Balance of payments

Indian Economy

Economic and social infrastructure
Green Revolution
Agricultural finance
Cottage industry
Economic reforms and liberalization

Political Science
Theory

Rights and duties
Law and liberty
Kinds of justice
Methods of acquiring citizenship
Adult franchise
Positive liberalism
Marxism

Indian politics

Fundamental Rights and Directive Principles of State Policy
Emergency Power of a President
Union Council of Ministers
The Supreme Court – powers and functions
World Politics, World Constitutions

History

Ancient India
Archaeology – Harappa
Inscriptions of Asoka
Vedic Religion
Origin and growth of Buddhism
Mughal Empire – Mughal courts and politics
Origin and Ideas of Bhakti movement
Sufi saints
Gandhian movement
Growth of Communalism

English (MIL)

Grammar, Pronoun, preposition, direct and indirect speech, active and passive voice
Prose – The Rattrap and other lessons
Poetry - all

Science Stream

Physics

Electricity
Electric current
Electric Internal Resistance
Wheatstone bridge
Van de Graaff generators
Potentiometers
Biot Savart's law
Electromagnetic Inductions
Magnetic field
Magnetic induction
Electronic force
Electronic Physics
Optics
Wave topics
Functional Group
Nuclear Fissions & Fusion

Chemistry

Solids –binding forces
Solutions – gases in liquids, pressure
Hybridization, Condensation, Reduction Reaction
p-Block elements
Haloalkanes & Haloarenes
Phenols
Aldehydes, and Ketones,
Cyanides
DNA, RNA
Polymers,
Organic Chemistry

Mathematics

Sets, Relations & Functions
Trigonometric functions
Matrices, functions, limits, trigonometric
Geometrical, Circle, Area
Integration

Calculus
Limits, Differentiations
Matrices limit
Differential, equations,
Continuity
Probability
Statistics
Algebric expression (division)
Adjoint and inverse of matrix
3-D Geometry
Application of Derivatives
Vector
Integration, Trigonometry, Determinants
Matrix & Inverse matrix
Algebra & Measures
Differentiation

Biology
Molecular basis of inheritance
Ecosystem of animal, plants
Heredity
Evolution
Reproduction and principles of inheritance
Genetics
Genetics and evolution
Reproduction

Computer Applications
C++ program

Commerce Stream
Accountancy
Journal entries
Balance sheet
Profits & loss appropriation accounts
Debentures – issue and redemption
Financial statements of company
Gross profit – net profit
Cash flow statement

Business studies
Management: meaning and importance
Planning process

Organization – decentralization
Recruitment of Staff
Finance management
Marketing
Marketing & planning.
Consumer protection