CLARIFICATION REGARDING THE CONTENT IN HIGHER SECONDARY TEXTBOOKS

സ്കൂൾ ക്ലാസുകളുടെ പാഠപുസ്തകങ്ങളിലെ ഉള്ളടക്കം ദേശീയതലത്തിൽ കുറവ് വരുത്തിയിട്ടുണ്ട്. ഈ സാഹചര്യം പൊതുവിദ്യാഭ്യാസവകുപ്പ് വിശദമായി പരിശോധിക്കുകയുണ്ടായി. സംസ്ഥാന സ്കൂൾ കരിക്കുലം സബ്കമ്മിറ്റി അംഗങ്ങളുടെ നേതൃത്വത്തിൽ ഈ വിഷയം ചർച്ച ചെയ്യുകയും കുട്ടികളുടെ ഉപരിപഠന സാധ്യതകൾ പരിഗണിച്ച് സിലബസിലോ പാഠപുസ്തകങ്ങളിലോ തൽക്കാലം അഴിച്ചുപണികൾ വേണ്ടെന്ന് തീരുമാനിക്കുകയും ചെയ്തു. വിവിധ മത്സരപരീക്ഷകളും പ്രവേശനപരീക്ഷകളും അഭിമുഖീകരിക്കേണ്ടവരായ വിദ്യാർത്ഥികൾ പാഠപുസ്തകങ്ങളിലെ ഉള്ളടക്കമേഖലകളെല്ലാം പരിചയപ്പെട്ട് പോകുന്നത് ഉചിതമായിരിക്കുമെന്നും വിലയിരുത്തി. എന്നാൽ മറ്റ് ബോർഡ് പരീക്ഷകൾ എഴുതുന്ന വിദ്യാർത്ഥികളെക്കാൾ സമ്മർദ്ദം കേരളബോർഡിലെ പരീക്ഷയെഴുതുന്ന വിദ്യാർത്ഥികൾക്കുണ്ടാവുമെന്ന ആശങ്കകൾ പരിഗണിച്ച് ഹയർസെക്കന്ററി ഒന്നും രണ്ടും വർഷ ക്ലാസുകളിലെ ചുവടെ ചേർക്കുന്ന മേഖലകൾ മൂല്യനിർണയത്തിന് പരിഗണിക്കുന്നതല്ല എന്നറിയിക്കുന്നു.

ഹയർസെക്കൻറി ഒന്നാം വർഷം

MATHEMATICS

Chapter	Page No.	Dropped Topics/Chapters from evaluation
Chapter 1: Sets	12–13	1.7 Power Set, Exercise 1.3 Ques. 5
	21–23	1.12 Practical Problems on Union and Intersection of Two Sets
	24	Exercise 1.6
	25–26	Examples 31–34 and Ques. 6–7 (Miscellaneous Exercise)
	27	Ques. 13–16 (Miscellaneous Exercise), Last Point in the Summary on the Page
	28	Last Point in the Summary
Chapter 3: Trigonometric Functions	74–78	3.5 Trigonometric Equations (up to Exercise 3.4)
	84	Last five points in the Summary
	466–473	3.6 Proofs and Simple Applications of Sine and Cosine Formulae
Chapter 4: Principle of Mathematical Induction	86–96	Full Chapter
Chapter 5:	106–108	5.5.1 Polar Representation of a Complex Number

Complex Number	109 110–111 112–113 114 474–475	5.6 Quadratic Equation Example 11 and Exercise 5.3 Examples 13, 15, 16 Ques. 5–8, 9 and 13 (Miscellaneous Exercise) Last three points in the Summary 5.7 Square-root of a Complex Number
Chapter 6: Linear Inequalities	123–129 133	6.4 Graphical Solution of Linear Inequalities in Two Variables 6.5 Solution of System of Linear Inequalities in Two Variables Last three points in the Summary

Chapter 8: Binomial Theorem	167–174 175 176	8.3 General Middle Terms Example 17 and Ques. 1–3, and 8 (Miscellaneous Exercise) Last two points in the Summary
Chapter 9: Sequences and Series	181–186 194–196 197–198 199–200 201	9.4 Arithmetic Progression (A.P.) (up to Exercise 9.2) 9.7 Sum to n terms of Special Series Examples 21, 22 and 24 Ques. 1–6, 12, 15, 16, 20, 23–26 (Miscellaneous Exercise) Point 3 and 4 in the Summary
Chapter 10: Straight Lines	210–212 217–219 220–224 227 233 235 477–478	10.2.4 Collinearity of Three Points (Examples 4–5 and Ques. 8, 13–14 in Exercise 10.1) 10.3.6 Normal Forms Ques. 8 in Exercise 10.2 10.4 General Equation of a Line Ques. 3 in Exercise 10.3 Ques. 2 (Miscellaneous Exercise) Fourth Last Point in the Summary 10.6 Equation of Family of Lines Passing Through the Points of Intersection of Two Lines

	478–480	10.7 Shifting of Origin
Chapter 11: Conic Sections	248	11.5.2 Special Cases of an Ellipse
Chapter 12: Introduction to Three Dimensional Geometry	273–276 277 278–280	12.5 Section Formula Exercise 12.3 Ques. 4 and 5 (Miscellaneous Exercise), Last Three Points in the Summary
Chapter 14: Mathematical Reasoning	321–346	Full Chapter
Chapter 15: Statistics	372–376 380–381	15.6 Analysis of Frequency Distribution Ques. 6 (Miscellaneous Exercise) and last point in the Summary)
Chapter 16: Probability	383–387 410	16.1 Introduction 16.2 Random Experiment First Two Points in the Summary

BIOLOGY

Chapter	Page No.	Dropped Topics/Chapters from evaluation
Chapter 1: The Living World	3–5 11–14 12 12 13 14 15	1.1 What is 'Living'? 1.4 Taxonomical Aids 1.4.2 Botanical Gardens 1.4.3 Museum 1.4.4. Zoological Parks Summary (Para 2) Question no. 10
Chapter 3: Plant Kingdom	40–41 42–43 44 45	3.5 Angiosperms 3.6 Plant Life Cycles and Alternation of Generations Summary (Para 5 and 6) Question no. 10

Chapter 5: Morphology of Flowering Plants	67–68 68–69 71 78–79 81 82–83	5.1.2 Modifications of Root 5.2.1 Modifications of Stem 5.3.4 Modifications of Leaves 5.9.1 Fabaceae 5.9.3 Liliaceae Question nos 1, 2, 6 (b) 8, 9, 12, 14
Chapter 6: Anatomy of Flowering Plants	84 84–85 86–87 87–88 94 94–95 99 96–97 97–98 99	6.1 The Tissues 6.1.1 Meristematic Tissues 6.1.2.1 Simple Tissues (Para 2, 3) 6.1.2.2 Complex Tissues (Para 4) 6.4 Secondary Growth 6.4.1 Vascular Cambium 6.4.1.2 Activity of the Cambial Ring 6.4.1.3 Spring Wood and Autumn Wood 6.4.1.4 Heartwood and Sapwood 6.4.2 Cork Cambium 6.4.3 Secondary Growth in Roots Question nos 1, 2, 3, 7, 11
Chapter 7: Structural Organisation in Animals	100 101–102 102–103 104–105 105–106 106–111 106–107 107–108 111 111–112 113–115 120–121 121–122	7.1 Animal Tissues 7.1.1 Epithelial Tissue 7.1.2 Connective Tissue 7.1.3 Muscle Tissue 7.1.4 Neural Tissue 7.3 Earthworm 7.3.1 Morphology 7.3.2 Anatomy 7.4 Cockroach 7.4.1 Morphology 7.4.2 Anatomy Summary (Para 2, 3, 4) Question nos 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14 (c)

Chapter 9: Biomolecules	151 152 153 160–161	9.8 Nature of Bond Linking Monomers in a Polymer 9.9 Dynamic State of Body Constituents—Concept ofMetabolism 9.10 Metabolic Basis for Living 9.11 The Living State Question nos 2, 3, 5, 8, 10
Chapter 11: Transport in Plants	175–193	Full Chapter
Chapter 12: Mineral Nutrition	194–205	Full Chapter
Chapter 15: Plant Growth and Development	251 252 252 254	15.5 Photoperiodism 15.6 Vernalisation 15.7 Seed Dormancy Question nos 3, 5, 8, 10
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Chapter 21: Neural Control and Coordination	322 322 322–323 323 323–324 324–326 327 328 329–330	21.5 Reflex Action and Reflex Arc 21.6 Sensory Reception and Processing 21.6.1 Eye 21.6.1.1 Parts of an Eye 21.6.1.2 Mechanism ofVision 21.6.2 The Ear 21.6.2.1 Mechanism of Hearing Summary (para 3 and 4) Question nos 1 (b, c), 2 (c), 4, (c, d), 5 (e, f, g, h), 6 (b, c), 7, 8 (b, c), 9 (c), 10 (a), 11, 12 (c, d)
Answers	433 435 438–445 447–451 455 458–463	In accordance with the reduction in Exercises intext.

CHEMISTRY—PART I

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Unit V: States of Matter: Gases and Liquids	136–159	Full Chapter

CHEMISTRY—PART II

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Unit X: *s*-Block Elements	299–314	Full Chapter
Unit XI: Some *p*-Block Elements	315–333	Full Chapter
Unit XIV: Environmental Chemistry	406–422	Full Chapter

PHYSICS—PART I

Chapter	Page No.	Dropped Topics/Chapters from evaluation
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Chapter 2: Units and Measurements	18–27 36–38	2.3 Measurement of Length 2.4 Measurement of Mass 2.5 Measurement of Time 2.6 Accuracy, Precision of Instruments and Errors in Measurement Exercises 2.13, 2.14, 2.19–2.22, 2.24–2.33
Chapter 3: Motion in a Straight Line	39–43 51–53 56 59–60 61–64	3.2 Position, Path Length and Displacement 3.3 Average Velocity and Average Speed 3.7 Relative Velocity Exercises 3.5, 3.7–3.9 and 3.23–3.28 Appendix 3.1
Chapter 4: Motion in a Plane	76–77 86–88	4.9 Relative Velocity in Two Dimensions Exercises 4.12–4.14; 4.26–4.32
Chapter 5: Laws of Motion	111–113	Exercises 5.24–5.40
Chapter 6: Work, Energy and Power	126–128 137–139	6.10 Various Forms of Energy: the Law of Conservation of Energy Exercises 6.24–6.29
Chapter 7: System of Particles and Rotational Motion	164–167 173–175 178–182	7.10 Theorems of Perpendicular and Parallel Axes 7.14 Rolling Motion Exercises 7.10, 7.18–7.19, 7.21–7.33
Chapter 8: Gravitation	186 196–198 202–206	8.11 Geostationary and Polar Satellites 8.12 Weightlessness Exercises 8.3–8.5, 8.22–8.25 Appendix 8.1

PHYSICS—PART II

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Chapter 9: Mechanical Properties of Solids	236 241 249	9.2 Elastic Behaviour of Solids 9.6.2 Determination of Young's Modulus of the Material of a Wire Exercises 9.17 – 9.21
Chapter 10: Mechanical Properties of Fluids	260 261 269 276–277 274–275	10.4.2 Venturi-meter 10.4.3 Blood Flow and Heart Attack 10.6.6 Detergents and Surface Tension Exercises 10.21–10.31 Appendix 10.1
Chapter 11: Thermal Properties of Matter	295–296 302	11.9.5 Greenhouse Effect Exercises 11.21 – 11.22
Chapter 12: Thermodynamics	313 313–314 322	12.9 Heat Engines 12.10 Refrigerators and Heat Pumps Exercises 12.7 and 12.10
Chapter 13: Kinetic Theory	335 340	13.6.5 Specific Heat Capacity of Water Exercises 13.11–13.14
Chapter 14: Oscillations	352–353 355–359 365–366	14.9 Damped Simple Harmonic Motion 14.10 Forced Oscillations and Resonance Exercises 14.16 (p. 365), 14.20–14.25
Chapter 15: Waves	384–387 393–394	15.8 Doppler Effect Exercises 15.20–15.27

Answers	223–226 228–234 396–402 404	In accordance with the reduction in Exercises intext.

BUSINESS STUDIES

Chapter	Page No.	Dropped Topics/Chapters from evaluation
Chapter 3: Private, Public and Global Enterprises	72–76 80	Joint Ventures
Chapter 4: Business Services	107–109 113–114	Warehousing and Its Functions
Chapter 5: Emerging Modes of Business	134–143	Outsourcing—Concept Need and Scope
Chapter 8: Sources of Business Finance	202–204 208–210	Discounting of Bill of Exchange; ADR and GDR
Chapter 11: International Business	292–307	Complexities involved in International Business, Foreign Trade Promotion: Organisational Support and Incentives; Nature and Importance of Export Processing Zone

ACCOUNTANCY—FINANCIAL ACCOUNTING–I

Chapter	Page No.	Dropped Topics/Chapters from evaluation
Chapter 2: Theory Base of Accounting	36–38	Textual Content on IFRS
Chapter 8: Bills of Exchange	277–316	Full Chapter

ACCOUNTANCY—FINANCIAL ACCOUNTING–II

Chapter	Page No.	Dropped Topics/Chapters from evaluation
Chapter 11: Accounts from Incomplete Records	425–462	Full Chapter
Chapter 12 and 13: Computers in Accounting	463–491	Full Chapter

FUNDAMENTALS OF PHYSICAL GEOGRAPHY

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Unit I: Geography as a Discipline		
Chapter 1: Geography as a Discipline	5 7	Physical Geography and Natural Sciences, Geography and Social Sciences
Unit II: The Earth		
Chapter 2: The Origin and Evolution of the Earth	16–18	Our Solar System, The Moon, Geological Time Scale
Chapter 3: Interior of the Earth	28	Activity— Locating an Epicentre
Unit III: Landforms		
Chapter 5: Minerals and Rocks	40–44	Full Chapter
Unit VI: Life on the Earth		
Chapter 15: Life on the Earth	123–130	Full Chapter

Note: *The questions given in the exercises related to the deleted content of different chapters should not be considered.*

INDIA: PHYSICAL ENVIRONMENT

Chapter	Page No.	Dropped Topics/Chapters from evaluation
Unit II: Physiography		
Chapter 2: Structure and Physiography	11–15	Large Scale Variations within the Himalayas. Five subdivisions have been deleted and Figures 2.4, 2.5, 2.6, 2.7, 2.8, 2.9
Chapter 3: Drainage System	28–30	Smaller Rivers Flowing towards the West, Smaller Rivers Flowing towards the East, River Regimes, Table 3.1 of comparison between the Himalayan and the Peninsular rivers
Unit III: Climate, Vegetation and Soil		
Chapter 4: Climate	34–38 40–44 46–47 49–50 53–54	Two groups mentioned under Factors Determining the Climate of India and heading factors related to location and relief, factors related to air pressure and wind, mechanism of weather in the winter season, mechanism of weather in the summer season, rain bearing system and rainfall distribution, characteristics of monsoonal rainfall, variability of rainfall, climatic regions of India. Related figures 4.1, 4.2, 4.3, 4.6, 4.7, 4.8, 4.9, 4.13 and table 4.1

Chapter 5: Natural Vegetation	61–62, 66	Forest cover in India, data related to districts in Forest and Life box, details of Nilgiri, Nanda Devi, Sunderban and Gulf of Munnar biosphere reserves
Chapter 6: Soils	68–75	Full Chapter
Unit IV: Natural Hazards and Disasters: Causes, Consequences and Management		
Chapter 7: Natural Hazards and Disasters	79 84	Table 7.1 and 7.2, Structure of Tropical Cyclone
Appendices		
I. States, Their Capitals, Number of Districts, Area and Population	94–98	All appendices
II. Union Territories, Their Capitals, Area and Population		
III. Important River Basins		
IV. State/Union Territory wise Forest Cover.		
V. National Parks of India		
Note: *The questions given in the exercises related to the deleted content of different chapters should not be considered.*		

PRACTICAL WORK IN GEOGRAPHY—PART I

Chapter	Page No.	Dropped Topics/Chapters from evaluation
Chapter 6: Introduction to Aerial Photographs	69–83	Full Chapter
Chapter 8: Weather Instruments, Maps and Charts	107–123	Full Chapter
Note: *The questions given in the exercises related to the deleted content of different chapters should not be considered.*		

PSYCHOLOGY

Chapter	Page No.	Dropped Topics/Chapters from evaluation
Chapter 1: What is Psychology?	13–15 18–19	Themes of Research and Applications Psychologists at Work
Chapter 3: The Bases of Human Behaviour	43–63	Full Chapter
Chapter 5: Sensory, Attentional and Perceptual Processes	87–93	Sense Modalities (Auditory and Visual Sensation
Chapter 6: Learning	120–121 122–123 125–126 127–128	Concept Learning Transfer of Learning The Learner: Learning Styles Applications of Learning Principles
Chapter 7: Human Memory	139–142	Knowledge Representation and Organisation in Memory Memory as a Constructive Process
Chapter 8: Thinking	162	Reduction in Strategies for Creative Thinking

Chapter 9: Motivation and Emotion	172–173 175–176 181–182	Reduction in Biological Motives Reduction in Maslow's Hierarchy of Needs (Frustration and Conflict Reduction in Expression of Emotions

HISTORY

Themes	Dropped Topics/Chapters from evaluation
Theme 1 From the Beginning of Time	**Units** • Early encounters with Hunter – Gathers in Africa. • Hunter – Gatherer societies from the present to the past. • Epilogue
Theme 5 Nomadic Empires	Full chapter
Theme 8 Confrontation of Cultures	• Voyages of exploration by Europeans • The Atlantic Crossing • Spain Establishes an Empire in America • Cortes and the Aztecs • Pizarro and the Incas • Cabral and Brazil • Conquest, Colonies and the slave trade
Theme 10 Displacing Indigenous Peoples	Full chapter
Theme 11 Paths to Modernisation	• The story of Taiwan • The story of Korea • Post war Nations • Rapid Industrialisation under strong leadership • Continued Economic Growth and call for Democratisation • Korean Democracy and the IMF crisis.

POLITICAL SCIENCE – POLITICAL THEORY

Themes	Dropped Topics/Chapters from evaluation
Chapter - 9 Peace	Introduction, The meaning of peace (Page No. 129 – 132) • Can violence ever promote peace (page no. 134 – 135) • Peace and the State • Different approaches to the pursuit of peace • Contemporary challenges (page no. 137 – 141)
Chapter - 10 Development	- Full Chapter

ECONOMICS

Indian Economic Development

Chapter	Dropped Topics/Chapters from evaluation
1. Indian Economy on the Eve of Independence	Full chapter
5. Human Capital Formation in India	• Human Capital and Economic Growth • 5.4 Human Capital and Human development • 5.5 State of Human Capital Formation in India • 5.6 Education Sector in India • 5.7 Future Prospects • 5.8 Conclusion
8. Infrastructure	Full chapter

Statistics for Economics

Chapter	Dropped Topics/Chapters from evaluation
6. Measures of Dispersion	Full chapter
7. Correlation	• Karl Pearson's co-efficient and its calculation • Spearman's rank Correlation and its calculation

SOCIOLOGY

ഉള്ളടക്കം കുറയ്ക്കുന്നതിന്റെ ഭാഗമായി സമൂഹശാസ്ത്രത്തിൽ ഒരു പാഠഭാഗവും മൂല്യ നിർണയത്തിൽ നിന്നും ഒഴിവാക്കേണ്ടതില്ല.

(ഒപ്പ്)

ഡയറക്ടർ

എസ്.സി.ഇ.ആർ.ടി