

REVIEW COMMITTEE REPORT 2006-2007- FIRST YEAR

INDEX

S.No.	Subjects	Page No.
1	Tamil	2
2	English	2
3	Mathematics	3
4	Physics	4-5
5	Chemistry	6-8
6	Zoology - Long Version	9
7	Bio-Zoology	9
8	Botany - Long Version	10-11
9	Bio-Botany	12-13

DIRECTORATE OF SCHOOL EDUCATION / HIGHER SECONDARY
EDUCATION **FIRST YEAR - TAMIL**
CONTENTS DELETED FROM THE YEAR 2006-2007

வ. எண்	பாடப்பகுதி	நீக்கம்.
1.	செய்யுள்	கலிங்கத்துப்பரணியில் 8 அடிகள் மனப்பாடப்பகுதியிலிருந்து மட்டும் நீக்கப்படுகிறது. பக்கம் 66
2.	உரைநடை	பக்கம் எண்-104ல் சீவகன் உரைநடைப்பகுதி மற்றும் பக்கம் எண்.105ல் வினா எண்-9 நீக்கப்பட்டுள்ளது

DIRECTORATE OF SCHOOL EDUCATION / HIGHER SECONDARY
EDUCATION **FIRST YEAR - ENGLISH**

S. No.	Contents	Deleted items
1	Prose	Lesson IV - " Alice Meets Humpty Dumpty " (Page No.142 to 153)

* New Lesson may be given in the revised edition 2007

DIRECTORATE OF SCHOOL EDUCATION / HIGHER SECONDARY
EDUCATION **FIRST YEAR - MATHEMATICS**
CONTENTS DELETED FROM THE YEAR 2006-2007

Chapter	Not to be asked for Examinations	Page No (English Medium)	Page No. (Tamil Medium)
II	Proof of Theorems 2.9, 2.10 & 2.11	62, 63 & 66	70, 71, 74 & 75
IV	Examples 4.19 to 4.27	140-145	156 to 161
	Question Nos. 9, 10 & 11 In Exercise 4.3	146	162 & 163
VI	Exercise 6.9	250	278
	Question Nos. 8 & 10 in Exercise 6.10	257	286
VII	Derivations in sec. 7.3	25, 26, 27	31, 32
VIII	Solution of the Examples 8.24, 8.25 & 8.27	45-46	53 & 54
	Question No. 1 in Exercise 8.4	72	83
IX	Examples 9.132 to 9.139	164-169	178 to 183
	Exercise 9.8	169	183
	Examples 9.140 & 9.141	170-171	184 & 185
	Exercise 9.9	171	185
	Exercise 9.10	183	198

DIRECTORATE OF SCHOOL EDUCATION / HIGHER SECONDARY
EDUCATION **FIRST YEAR - PHYSICS - ENGLISH MEDIUM**
CONTENTS DELETED FROM THE YEAR 2006-2007

Sl. No	Page number of the text book	Deleted
1.	Vol.I (69)	2.4.3 Law of Conservation of Momentum Replace the subscripts A and B by 1 & 2
2.	Vol. I (77)	2.5.6 Lami's theorem - Proof is deleted.
3.	Vol.I (98)	2.8.5 Law of conservation of energy The verification for a freely falling body is deleted.
4.	Vol.I (101 to 106)	2.9.1, 2.9.2 Collisions Replace the subscripts A and B by 1 & 2
5.	Vol.I (139 to 145)	3.3.4, 3.3.5, 3.3.6 Moment of Inertia-derivations
6.	Vol.I (186)	Table 4.1 Solar system
7.	Vol.I (103)	2.9.1 Elastic collision in two dimensions and applications
8.	Vol.I (115)	Problem 2.15
9.	Vol. I (182)	4.9.10 Types of fuels (liquid and solid)
10.	Vol. I (214)	5.2.4 Relation between the three moduli of elasticity
11.	Vol. II (16)	6.5.2. Cases 3: Two masses are connected to a spring
12.	Vol. II (27)	6.7 (vi) Coupled oscillations
13.	Vol. II (43)	7.1.1 The formation and propagation of a transverse wave in a medium
14.	Vol. II (148, 149)	9.5, 9.5.1 Foucault's method
15.	Vol. II (177 to 180)	10.1 Earth's magnetic field and magnetic elements

DIRECTORATE OF SCHOOL EDUCATION/HIGHER SECONDARY EDUCATION

முதலாம் ஆண்டு

2006-07 முதல் இயற்பியல் பாடத்தில் நீக்கப்பட்ட பகுதிகள்

வ.எண்	பாடப் புத்தகத்தில் பக்க எண்	நீக்கப்பட்ட பகுதிகள்
1	தொகுதி.I (72,73)	2.4.3 உந்த அழிவின்மை – கீழாக எழுதப்பட்ட குறியீடு A, B என்பதை 1, 2 என மாற்றுதல்
2	தொகுதி.I (81,82)	2.5.6 லாமியின் தேற்றம் – மெய்ப்பித்தல் மட்டும்
3	தொகுதி.I (106)	2.8.5 தடையின்றித்தானே கீழே விழும் பொருளுக்கு ஆற்றல் அழிவின்மை விதியை மெய்ப்பித்தல்.
4	தொகுதி.I (109 முதல் 113 வரை)	2.9.1, 2.9.2 மோதல்கள் A, B என்று கீழ் எழுதப்பட்ட குறியீடுகளை 1, 2 என மாற்றுதல்
5	தொகுதி.I (149 முதல் 153 வரை)	3.3.4, 3.3.5, 3.3.6 நிலைமத் திருப்பு திறன் – நிரூபித்தல்
6	தொகுதி.I (202)	அட்டவணை 4.1 சூரியக்குடும்பம்
7	தொகுதி.I (111,112, 113)	2.9.1. இரு பரிமாண மீட்சி மோதல்
8	தொகுதி.I (125)	தீர்க்கப்பட்ட கணக்கு 2.15
9	தொகுதி.I (197, 198,199)	4.9.10 எரிபொருள்களின் வகைகள் (திரவ, திட இயக்குபொருள்கள்)
10	தொகுதி.I (232,233)	5.2.4 மூவகை மீட்சிக் குணகங்களுக்கிடையேயான தொடர்பு – நிரூபித்தல்
11	தொகுதி.II (18,19)	6.5.2. தேர்வு.3 இரு நிறைகள் இணைக்கப்பட்ட சுருள்வில்
12	தொகுதி.II 29,30)	6.7 (vi) பிணைப்பு அலைகள்
13	தொகுதி.II (47)	7.1.1. ஊடகமொன்றில் குறுக்கலைகள் உருவாதலும் பரவுதலும்
14	தொகுதி.II (165 -168)	9.5. ஒளியின் திசைவேகம் 9.5.1. ஃபோகால்டின் முறை
15	தொகுதி.II (196-199)	10.1 புவிக்காந்தப் புலம் மற்றும் புவிக்காந்தக் கூறுகள்

DIRECTOR OF SCHOOL EDUCATION-HIGHER SECONDARY EDUCATION
FIRST YEAR – CHEMISTRY - ENGLISH MEDIUM
CONTENTS DELETED FROM THE YEAR 2006-2007

VOLUME-I

1. CHEMICAL CALCULATIONS

Page 1-6	1.1 Significant figures – 1.5 density These are done in Physics – to be boxed
Page 28-34	1.10 Laws of Chemical Combination – to be boxed
Page 52-53	1.15.1 Problem -1 – to be boxed

2. ENVIRONMENTAL CHEMISTRY

To be boxed fully. (Separate book for environmental education)

3. GENERAL INTRODUCTION TO METALLURGY

Page 93	Fig.3.2 to be corrected
Page 95	3.3. Flow Chart – to be boxed
Page 96	3.4.1 Flow Chart first line to be boxed
Page 97,98,99 and 100	From roasting to Fig.3.3 in P-100 should be re-written precisely in the revised book edition 2007.
Page 101-103	From gold.... upto Fig.3.5 to be boxed
Page 105-107	Mineral Wealth of India and Taminadu to be boxed

4. ATOMIC STRUCTURE –I

Page 116,117,118	4.3 Sommerfield's extention... upto uncertainty principle in Page 118 to be boxed
Page 122	Fully boxed
Page 123 upto electron respectively to be boxed
Page 128, 129	Classification of elements – to be boxed

5. PERIODIC CLASSIFICATION –I

Page 137	Para starting with after long.... upto three elements – to be boxed
Page 180	Fig.for structure of H ₂ O ₂ to be boxed
Page 183,184,185	6.2.3 Chemical properties upto conductance – to be boxed

6. GROUP IS – BLOCK ELEMENTS – NIL

7. GROUP 2S – BLOCK ELEMENTS – NIL

8. p- BLOCK ELEMENTS

Page 208,209	Ores of boron. First two retained. Last three boxed
Page 212-215	From diborane to borazole – to be boxed
Page 221	Table 8.1 – to be boxed
Page 224,225	Chemical properties 1,2 and 3 to be boxed
Page 226,227	Oxidising properties of HNO ₃at the centre in Page 227 to be boxed
Page 228	Electronic structure and oxidation state... Tabular column to be boxed
Page 233,234	(ii) Brode's ozoniser and commercial preparation-to be boxed

9. SOLID STATE

Page 243,244	9.1 Solid.... upto amorphous solid diagram to be boxed
Page 247	Tabular column to be boxed
Page 248	(vi) Zone and Zone axis to be boxed upto Fig.9.2
Page 251, 252	From number of atoms per unit cell – 252 full page to be boxed
Page 259-265	9.4 Space lattice.....upto page 265 a=.....(X) – to be boxed

10. GASEOUS STATE - NIL

VOLUME – II

11. CHEMICAL BONDING

Page 6	1 st para to be boxed
Page 14	Triple bond formation with fig.11.5 – to be boxed
Page 16	Partial ionic character – HCl – to be boxed
Page 22,23,24	11.6 Valence bond theory..... upto covalent bond between HF in Page 24 to be boxed
Page 27	Limitations of VB theory to be boxed
Page 29	Examples of hybridisation.... till end – to be boxed
Page 30,31	To be boxed fully
Page 32 upto dissociation energy – to be boxed
Page 34	Fig.11.14 and Page 35 upto Lewis structure – to be boxed
Page 36	d. Al ₂ Cl ₂ to be re-written - in the revised edition 2007.

12. COLLIGATIVE PROPERTIES – NIL

13. THERMODYNAMICS – 1

Page 72	“degree hotness..... till energy (U) – to be boxed
Page 75	From 13.3.3.....till charac. of H in Page 82 – to be boxed
Page 85	13.3.7 enthalphy changes.....body maintenance in Page 91 – to be boxed
Page 96	13.4 Various sources of energy.....till end in Page 98 – to be boxed All subscripts pertaining to ΔH to be changed from Δ subscript ^H to ΔH° subscript. Eg. $\Delta_f H^\circ$ as ΔH_f° – correction to be carried out.

14. CHEMICAL EQUILIBRIUM – I

Page 109, 110,111	Relationship between K_p and K_c ...till $K_c=6.342 \times 10^{-4} \text{ mol lit}^{-1}$ to be boxed (Given in XII Std.)
-------------------	--

15. CHEMICAL KINETICS – I

Page 129, 136	15.1.6 Rate constant derivation till $n=1$ in Page 136 – to be boxed
Page 138-141	Determination of order of reaction....upto to be constant- to be boxed

16. BASIC CONCEPTS OF ORG.CHEMISTRY

Page 163	Isobutyric aldehyde to be changed as Isobutraldehyde.
Page 168	Aromatic examples to be boxed.

17. PURIFICATION OR ORG.COMPOUNDS – NIL

18. DETERMINATION AND ESTIMATION OF ELEMENTS – NIL

19. HYDROCARBONS

Page 214	(ii) Reduction of alkyl halide – to be boxed
Page 218	Isobutanol to be changed as tertiary butyl alcohol
Page 218-223	Confirmation of alkanes – to be boxed
Page 228, 229	Examples to be boxed

20. AROMATIC HYDRACARBONS

Page 248, 249	Mechanism of reactions with benzene ring – to be boxed
---------------	--

21. ORGANIC HALOGEN COMPOUNDS – NIL

Note: Different types of questions in self-evaluation and worked examples pertaining to the boxed portions in Volume-I and Volume-II are assumed to be boxed.

Corresponding portions in Tamil Medium books are considered to be boxed along with related questions and worked examples.

*Note: Tamil Medium corresponding Text be Boxed.

DIRECTORATE OF SCHOOL EDUCATION—HIGHER SECONDARY
 EDUCATION **FIRST YEAR ZOOLOGY - ENGLISH MEDIUM**
 DELETED CONTENTS FROM THE YEAR 2006 - 2007

LONG VERSION

S.No.	Page No	Para	Line	Deleted contents
1	19			Fig. 1,2,13 – 1,2 & 3 Insert parasites
2	118			Fig.3,2,16 – Lower limb
3	121			Fig.3,3,1 Types of Muscles
4	155			Fig. 3,9,3 Retina – rods and cones Fig. 3,9,4 Rod cell
5	118	6	1	In mice the 'A' allele.....cause death

Tamil Medium Corresponding Text be boxed.

DIRECTORATE OF SCHOOL EDUCATION—HIGHER SECONDARY
 EDUCATION **FIRST YEAR BIO- ZOOLOGY - ENGLISH MEDIUM**
 DELETED CONTENTS FROM THE YEAR 2006 - 2007

SHORT VERSION

S.No	Page. No	Para	Line	Deleted contents
1	17			Fig.1.2.13- 1,2,& 3 Insert parasites
2	99			Fig. 3,2,16 – Lower limb
3	102			Fig. 3,3,1 Types of Muscles
4	130			Fig. 3,9,3, Retina – rods and cones Fig. 3,9,4 Rod cell
5	164	6	1	In mice the 'A' allele...lethal anemia
6	180			Formation of endocrinal tube - diagram

Tamil Medium Corresponding Text be boxed.

DIRECTORATE OF SCHOOL EDUCATION / HIGHER SECONDARY
EDUCATION **FIRST YEAR - BOTANY - ENGLISH MEDIUM**
CONTENTS DELETED FROM THE YEAR 2006-2007

Volume-1

Sl. No	Page	Chapter	DELETED
1.	9	I.Biodiversity 1.Systematics	Figure. 1.2
2.	25	2.2. Bacteria	Chemical Formulae under Photolithotrophs, Photo-organo Lithotrophs and Chemolithotrophs
3.	26 & 27		Text message under Gram Staining Steps 1-4 in page 26 & 27
4.	36	2.3 Fungi	Table 1.12 Table-reduced upto Class level.
5.	61	2.5 Bryophytes	Second Para followed by 6 points
6.	76,77 & 78	2.6 Pteridophytes	Conquest of land-The entire text beginning "Life is believed... like Selaginella, Isoetes, Marselia etc.show heterosopory"
7.	85,86 & 87	2.7 Spermatophytes	Heterospry-2 nd , 3 rd , 4 th Paras in page 85 Evolution of Seet-5 th para in page 85 Following all 4 points and following para in page 86. Table 1.5 to be retained Evolution of non-swimming male-gametes... in page 86. The first two lines of Page 87.
8.	115 116 117	II Cell Biology 4.Light Microscope & Electron Microscope	The entire 3 rd para in page 115 The entire 3 rd para in page 116 The entire 1 st & 3 rd para in page 117.
9.	125	5. Cell wall	Fig.2.11 be replaced by another figure which will be provided in the Revised Edition 2007.
10.	162, 163	III. Plant Morphology 1.Root, Stem and Leaf	Page: 162-"Multicostate reticulate venation.. Page: 163-"I Multicostate, Convergent.. "ii)Multicostate, divergent.. "a)Parallel unicostate.... "b)Parallel multicostate....

11.	181 182	3. Flowers, Fruits and Seeds	Variation of Bracts and Bracteoles Points 1,2,3,4-Page 143 Points 5,6
12.	205, 206, 207, 208, 209	IV Genetics 1. Concept of Heredity and Varation	The entire 5 th para in page 205 The entire Page in page 206 The entire Page in page 207 The entire page in page 208 Paras upto 7.
30.	234 235 236	5.Epistasis	The entire content under “Dominant Recessive Epistasis: 13:3” in page 234 The entire content under:” Duplicate Dominant Epistasis 15:1 in page 235 The entire page in page 236

Volume-II

31.	239	V Plant Physiology 1.a.Properties of Protoplasm	The Fibrillar Theory, Granular Theory, Reticular Theory
32.	250 251 252	2.a.Root Pressure Theory	The entire portion under Root Pressure Theory in pages 250, 251 & 252
33.	257	2.d. Mechanism of Stomatal Opening and closing	Contents under ii Active K ⁺ Transport, iii pH Theory.
34.	270 272 274	3.d.Theories of Translocation Mechanism of Translocation	(a) Mass Flow Theory ii) Goldacre’s Theory i) Diffusion Hypothesis ii) Protoplasmic streaming Theory
35	303 305 305 306	VI Reproducti on Biology	ii) Epihydrophily b. Piston Mechanism (Papillionaceae) c. Pollination in Calotropis d. Pollination in Yucca pronuba

Tamil Medium corresponding text be boxed.

DIRECTORATE OF SCHOOL EDUCATION / HIGHER SECONDARY
EDUCATION **FIRST YEAR - BIO-BOTANY - ENGLISH MEDIUM**
CONTENTS DELETED FROM THE YEAR 2006-2007)

Sl. No	Page	Chapter	DELETED
1.	9	I Biodiversity 1. Systematics	Figure 1.2
2.	25	3. Bacteria	Chemical Formulae under Photolithotrophs, Photo-organo Lithotrophs and Chemolithotrophs
3.	26 & 27		Text message under gram staining Steps 1-4 in page 26 & 27
4.	36	4.1 Fungi	Table 1.12 Table-reduced upto Class level.
5.	50	4.3 Bryophytes	Second Para followed by 6 points
6.	57, 58 & 59	4.4 Pteridophytes	Conquest of land-The entire text beginning “Life is believed... like Selaginella, Isoetes, Marselia etc. show heterospory”
7.	60, 61 & 62	4.5 Spermatophytes	Heterospory – 2 nd , 3 rd , 4 th paras in page 60 Evolution of Seed – 5 th para in page:60 Following all 4 points and following para in page 61. Table 1.5 to be retained Evolution of non-swimming mate-gametes...in page 61 The first two lines in page 62.
8.	77, 78 & 79	II Cell Biology 4. Light Microscope & Electron Microscope	The entire 3 rd para in page 77 The entire 3 rd para in page 78 The entire 1 st & 3 rd para in page 79
9.	87	5. Cell wall	Fig. 2.11 be replaced by another figure which will be provided in the Revised Edition 2007.
10.	124, 125	III. Plant Morphology 1. Root, Stem and Leaf	page: 124-“b. Multicostate... Page: 125-“i Multicostate, Convergent... “ii) Multicostate, divergent... “a. Parallel unicostate..... “b. Parallel multicostate.....

11.	143 144	3. Flowers, Fruits and Seeds	Variation of Bracts and Bracteoles Ponits 1,2,3,4-Page 143 Points 5, 6
12.	167, 168, 169, 170, 171	IV Genetics i. Concept of Heredity and Varation	The entire 5 th para in page 167 The entire page in page 168 The entire page in page 169 The entire page in page 170 Paras upto 7.
30.	196 197 198	5. Epistasis	The entire content under “Dominant Recessive Epistasis: 13:3” in page 196 The entire content under: “Duplicate Dominant Epistasis 15:1 in page 197 The entire page in page 198
31.	201	V Plant Physiology 1.a.Properties of Protoplasm	The Fibrillar Theory, Granular Theory, Reticular Theory
32.	212 213 214	2.a. Root Pressure Theory	The entire portion under Root Pressure Theory in pages 212, 213 & 2144
33.	219	2.d. Mechanism of Stomatal Opening and Closing	Contents under ii Active K+Transport, iii pH Theory
34.	232 234 236	3.d. Theories of Translocation Mechanism of Translocation	a) Mass Flow Theory ii) Goldacre’s Theory i) Diffusion Hypothesis ii) Protoplasmic Streaming Theory
35.	257 259	VI Reproduction Biology	ii) Epihydrophily b. Piston Mechanism (Papillionaceae) c. Pollination in Calotropis d. Pollination in Yucca pronuba
36.		VII Environmental Biology	

*Note: Tamil Medium corresponding Text be Boxed.