SUBJECT:-ENGLISH LANGUAGE

NAME OF THE BOOK :- A COMPREHENSIVE GRAMMAR OF CURRENT ENGLISH

FIRST TERM		
	CHAPTERS	**PATTERN OF QUESTIONS**
1ST CLASS EVALUATION	I. Unseen Comprehension II. Grammar: 1. Prepositions 2. Words Followed by Particular Prepositions 3. Verbs	I. Unseen Comprehension – 10m • Word Meanings & Antonyms (MCQ)– (1mx3=3m) • Q.Ans/ Ref.to the Context- 7m II. Grammar: 10m 1. Verb Passage –(1/2mX10=5m) 2. Prepositions – (1/2mx10 = 5m)
HALF YEARLY EVALUATION	I. Essay: (Descriptive, Narrative & Argumentative); Story Writing; Picture Composition (250-300 words) II. Letter writing (Informal & Formal) III. Notice Writing IV. Unseen Comprehension (Inclusive of Summary Writing) V. Grammar: 1. Active and Passive Voice 2. Regular and Irregular Verbs 3. Tenses and Their Uses 4. The Sequence of Tense 5. Auxiliaries, the Special Verbs 6. The Preposition 7. Words Followed by Particular Prepositions 8. The Conjunction 9. Transformation of Sentences (Ch 41 & 42) 10.Synthesis of Sentences (Combining Sentences) 11.Direct and Indirect Speech 12.Agreement of the Verb with the Subject	I. Essay (Descriptive; Narrative & Argumentative);Picture Composition; Story Writing (250 to 300 words) – (5 topics – Do Any One)- 20m II. Letter Writing (Informal& Formal) – 10m III. Notice Writing – 5m IV. Unseen Comprehension- 20m •Word Meanings & Antonyms (MCQ)– (1mx3=3m) •Q.Ans/ Ref.to the Context- 9m • Summary Writing (50words)-8m V. Grammar: - 25m • Verb Passage – (1/2mx8=4m_ • Prepositions- (1/2mx8=4m) • Join Sentences without using *and,but* or *so*- (1x7=7m) • Rewrite as per the given instructions – (1x10=10m)
PROJECT	TOPIC: Aural	***************************
SECOND TERM		
2ND CLASS EVALUATION	I. Unseen Comprehension II. Grammar: 1.Prepositions 2.Words Followed by Particular Prepositions 3. Verbs	I. Unseen Comprehension – (10m) • Word Meanings & Antonyms (MCQ)– (1mx3=3m) • Q.Ans/ Ref.to the Context- (7m) II. Grammar: 10m 1. Verb Passage –(1/2mx5=5m) 2. Prepositions-(1/2mx5m)
FINAL EVALUATION	I. Essay: (Descriptive, Narrative & Argumentative); Story Writing; Picture Composition (300-350 words) II. Letter writing (Informal & Formal) III. Notice Writing IV. Unseen Comprehension (Inclusive of Summary Writing) V. Grammar: 1. Active and Passive Voice 2. Regular and Irregular Verbs 3. Tenses and Their Uses 4. The Sequence of Tense 5. Auxiliaries, the Special Verbs 6. The Preposition 7. Words Followed by Particular Prepositions 8. The Conjunction 9. Transformation of Sentences (Ch 41 & 42) 10. Synthesis of Sentences (Combining Sentences) 11. Direct and Indirect Speech 12. Agreement of the Verb with the Subject	I. Essay (Descriptive; Narrative & Argumentative); Picture Composition; Story Writing (300 to 350 words) – (5 topics – Do Any One)- 20m II. Letter Writing (Informal& Formal) – 10m III. Notice Writing – 5m IV. Unseen Comprehension- 20m • Word Meanings & Antonyms (MCQ)– (1mx3=3m) • Q.Ans/ Ref.to the Context- 9m • Summary Writing (50words)-8m V. Grammar: - 25m • Verb Passage – (1/2mx8=4m) • Prepositions- (1/2mx8=4m) • Join Sentences without using and,but or so- (1x7=7m) • Rewrite as per the given instructions – (1x10=10m)
PROJECT	TOPIC:Orals	***************************

SUBJECT:-ENGLISH LITERATURE   **CLASS:-VIII**   **NAME OF THE BOOK :- 1. NEW DREAMCATCHER 8 AN ENGLISH READER**

2. GOODBYE, MR. CHIPS!

FIRST TERM		
	CHAPTERS	**PATTERN OF QUESTIONS**
1ST CLASS EVALUATION	DREAMCATCHER: 1.The Image GOODBYE, MR. CHIPS! : 1.Ch- 1,2 and 3	1. Multiple Choice Questions (Only from GOODBYE, MR. CHIPS!) – 1mx10=10m 2. Reference to the Context (DREAMCATCHER) –10mx1=10m
HALF YEARLY	DREAMCATCHER: 1. The Image 2. Night of the Scorpion(Poem) 3. A Scandal in Bohemia I 4. A Scandal in Bohemia II 5. The Call of Spring (Poem) 6. The Send-off (Poem) GOODBYE, MR. CHIPS! 1. Chs- 4,5,6,7,8 and 9	SECTION A 1. Multiple Choice Questions (MCQ) – (Both the books) -1mx16=16m SECTION B (PROSE)& SECTION C (POEMS) – Answer any six questions from Section B and C 2. Reference to the context (DREAMCATCHER) – 10mx6=60m (NOTE: 7 EXTRACTS WILL BE GIVEN – DO ANY SIX) SECTION D 3. Word Meanings (DREAMCATCHER)-1mx4=4m
PROJECT	TOPIC: Activity	**************************
SECOND TERM		
2ND CLASS EVALUATION	DREAMCATCHER: 1.An Entertainment with Animals GOODBYE, MR. CHIPS! 1.Chs. –10,11 and 12	1. Multiple Choice Questions (Only from GOODBYE, MR. CHIPS!) – 1mx10=10m 2. Reference to the Context (DREAMCATCHER) –10mx1=10m
FINAL EVALUATION	DREAMCATCHER: 1. An Entertainment with Animals 2. A Thing of Beauty is a Joy Forever(Poem) 3. Hoodwinked 4. O! Captain! My Captain! (Poem) 5. Thank You, Jeeves 1. As I Grew Older (Poem) GOODBYE, MR. CHIPS! : Chs- 13,14,15,16,17 and 18	SECTION A 1.Multiple Choice Questions (MCQ) – (Both the books) -1mx16=16m SECTION B (PROSE) & SECTION C (POEMS) – [Answer any six questions from Section B and C] 2.Reference to the context (DREAMCATCHER) – 10mx6=60m (NOTE: 7 EXTRACTS WILL BE GIVEN – DO ANY SIX) SECTION D 3.Word Meanings (DREAMCATCHER)-1mx4=4m
PROJECT	TOPIC : Activity	**************************

SUBJECT:-HINDI   **CLASS:-VIII   NAME OF THE BOOK :- ओस के मोती , व्याकरण निधि**

	FIRST TERM	
	CHAPTERS	**PATTERN OF QUESTIONS**
1ST CLASS EVALUATION	1. प्रियतम 3. परीक्षा	**MCQ-5 mark** **SHORT QUESTIONS -5marks** **LONG QUESTIONS-10 marks**
HALF YEARLY	4 यह धरती कितना देती है 5 चिकित्सा का चक्कर 6 क्या निराश हुआ जाए 7 कर्त्तव्य बोध 12 नागालैंड व्याकरण तत्सम-तद्भव -1-33 पर्यायवाची शब्द-1-37 विलोम शब्द-1-37 श्रुतिसम भिन्नार्थक शब्द-1-18 वाक्याशों के लिए एक शब्द-1-30 भाववाचक संज्ञा शब्द-पृष्ठ संख्या-87,88,89 लिंग-पृष्ठ संख्या-94,95,96 वाक्य शोधन-पृष्ठ संख्या-182,183 शब्द शोधन वाच्य,काल,लिंग,कारक मुहावरे-1-30 लोकोक्तियाँ-1-15 पत्र-लेखन प्रस्ताव लेखन अपठित गद्यांश	SECTION-A प्रस्ताव लेखन –15 marks पत्र लेखन –7marks अपठित गद्यांश -10 marks व्याकरण – 8 marks SECTION- B अवतरणों पर आधारित प्रश्न गद्य - पद्य (2+2+3+3=10x4=40) गद्य से चार अवतरण पद्य से दो अवतरण दिए गए अवतरणों में से किंहीं चार अवतरणों पर आधारित प्रश्नों के उत्तर लिखिए। गद्य एवं पद्य भाग से एक एक अवतरण का उत्तर देना अनिवार्य है
PROJECT	**TO BE DISCUSSED IN CLASS**	*************************
	SECOND TERM	
2ND CLASS EVALUATION	11 चाँदी का जूता 19 सत्कर्तव्य	**MCQ-5 mark** **SHORT QUESTIONS -5marks** **LONG QUESTIONS-10 marks**
FINAL EVALUATION	9 श्रीराम की बाल-लीला 10 गोशाला 14 मैं और मेरा देश 15 बिंदा 16 आत्मविश्वास और प्रेरणा के आधार श्रोत डा. ए. पी.जे.अब्दुल कलाम व्याकरण तत्सम-तद्भव-34-66 पर्यायवाची शब्द-38-74 श्रुतिसम भिन्नार्थक शब्द-18-33 अनेकार्थक शब्द-19-35 वाक्याशों के लिए एक शब्द-31-60	SECTION-A प्रस्ताव लेखन –15 marks पत्र लेखन –7marks अपठित गद्यांश -10 marks व्याकरण – 8 marks SECTION- B अवतरणों पर आधारित प्रश्न गद्य - पद्य (2+2+3+3=10x4=40) गद्य से चार अवतरण पद्य से दो अवतरण दिए गए अवतरणों में से किंहीं चार अवतरणों पर आधारित प्रश्नों के उत्तर लिखिए। गद्य एवं पद्य भाग से एक एक अवतरण का उत्तर देना अनिवार्य है

FINAL EVALUATION	विशेषण शब्द-पृष्ठ संख्या-131-132 वचन-पृष्ठ संख्या-101,102 वाक्य शोधन शब्द शोधन वाक्य,वाच्य,काल,लिंग,वचन मुहावरे-31-60 लोकोक्तियाँ-16-30 पत्र-लेखन प्रस्ताव लेखन अपठित गद्यांश	
PROJECT	**TO BE DISCUSSED IN CLASS**	**************************

SUBJECT:-ODIA   **CLASS:-VIII**   **NAME OF THE BOOK :-** ସାହିତ୍ୟ ସୋପାନ   **2. ବ୍ୟାକରଣ ସୌରଭ**

FIRST TERM		
	CHAPTERS	**PATTERN OF QUESTIONS**
1ST CLASS EVALUATION	Ch 1. –ପୃଥିବୀ ପ୍ରତି	Q1.–ବ୍ୟାକରଣ (ଗ) Q2. ଅନୁଚ୍ଛେଦମୂଳକ ପ୍ରଶ୍ନାବଳୀ (୧୬)
HALF YEARLY	Ch 1. ବନ୍ଦୀ ବିହଙ୍ଗ ଓ ନିର୍ବାକ ବାର୍ତ୍ତା Ch 2. ସୁଭାଷ ଓ ଗୁଣିଆ Ch 3. ମୁକ୍ତି ଯୋଦ୍ଧା ଜୟୀ ରାଜଗୁରୁ Ch 4. ଗର୍ଭଭର ସୂକ୍ଷ୍ମ ବୁଦ୍ଧି (ବ୍ୟାକରଣ – ରୂଢ଼ି – (୧ ରୁ ୫୦) , ପ୍ରତିଶବ୍ଦ – (ଝିଅ ରୁ ବୃକ୍ଷ), ସମୋଚ୍ଚାରିତ – (୭୯ ରୁ ୮୧), ବିପରୀତ – (୯୨ ରୁ ୯୩), ଭିନ୍ନାର୍ଥକ ଶବ୍ଦ – (୭୯ ରୁ ୮୧) , ଏକପଦୀକରଣ – ୧୨୭, ସଂଶୋଧନ – (୫୫) , ସଜାଡ଼ି ଲେଖ , ଅଜଣା ଅନୁଚ୍ଛେଦ , ରଚନା , ପତ୍ର ଲିଖନ)	**ରଚନା – ୧୫ ପତ୍ର ଲିଖନ – ୦୭ ବ୍ୟାକରଣ –୮ ଅଜଣା ଅନୁଚ୍ଛେଦ – ୧୦** ଅନୁଚ୍ଛେଦମୂଳକ ପ୍ରଶ୍ନାବଳୀ (୧୦ x ୪ = ୪୦)
PROJECT	**TOPIC:-**ପତ୍ରଲିଖନ l	**************************
SECOND TERM		
2ND CLASS EVALUATION	Ch 1. ତିନୋଟି ଭାବନା	Q1.–ବ୍ୟାକରଣ (ଗ) Q2. ଅନୁଚ୍ଛେଦମୂଳକ ପ୍ରଶ୍ନାବଳୀ (୧୬)
FINAL EVALUATION	Ch 1. ଆମ ଲାଖ୍ ଲୁଗା ଏଇ Ch 2. ଆକବର ବଦଶାହାଙ୍କ ଚେସ ଖେଳ Ch 3. ଧର୍ମପଦର ଆୟୁବଳୀ Ch 4.ଦରିଆ ଦଖଲ (ବ୍ୟାକରଣ – ରୂଢ଼ି – (୫୧ ରୁ ୧୦୦) , ପ୍ରତିଶବ୍ଦ – (ବେଙ୍ଗ ରୁ ହିମାଳୟ), ସମୋଚ୍ଚାରିତ – (୮୪ ରୁ ୮୬), ବିପରୀତ – (୯୪ ରୁ ୯୫), ଭିନ୍ନାର୍ଥକ ଶବ୍ଦ – (୮୪ ରୁ ୮୬) , ଏକପଦୀକରଣ – ୧୨୮ ରୁ ୧୨୯ , ସଂଶୋଧନ – (୫୬) , ସଜାଡ଼ି ଲେଖ , ଅଜଣା ଅନୁଚ୍ଛେଦ , ରଚନା , ପତ୍ର ଲିଖନ)	**ରଚନା – ୧୫ ପତ୍ର ଲିଖନ – ୦୭ ବ୍ୟାକରଣ –୮ ଅଜଣା ଅନୁଚ୍ଛେଦ – ୧୦** ଅନୁଚ୍ଛେଦମୂଳକ ପ୍ରଶ୍ନାବଳୀ (୧୦ x ୪ = ୪୦)
PROJECT	**TOPIC:-**ଦରଖାସ୍ତ	**************************

SUBJECT:-<u>MATHEMATICS</u>   CLASS:-VIII   NAME OF THE BOOK :- Concise Mathematics (Selina)

FIRST TERM		
	CHAPTERS	**PATTERN OF QUESTIONS**
1ST CLASS EVALUATION	Ch - 1 Rational Numbers Ch - 2 Exponents	**MCQ, WORD PROBLEMS , EVALUATE, DETERMINE, CLASSIFY, SIMPLIFY, SOLVE**
HALF YEARLY	Ch - 1 Rational Numbers Ch - 2 Exponents Ch - 3 Squares and Square Roots Ch - 5 Playing with Numbers Ch - 7 Percent and Percentage Ch - 11 Algebraic Expressions Ch - 12 Identities Ch - 13 Factorisation Ch - 16 Understanding Shapes Ch - 18 Construction	1x15, 4x5, 5x1, (3+3+4)x4 (As per the council)
PROJECT	**TOPIC :** Ch - 18 Construction	********************
SECOND TERM		
2ND CLASS EVALUATION	Ch - 4 Cubes and cube Roots Ch - 8 Profit, Loss and Discount	**MCQ, WORD PROBLEMS , EVALUATE, DETERMINE, CLASSIFY, SIMPLIFY, SOLVE**
FINAL EVALUATION	Ch - 4 Cubes and cube Roots Ch - 6 Sets Ch - 8 Profit, Loss and Discount Ch - 9 Interest Ch - 10 Direct and Inverse Variations Ch - 14 Linear Equation in one Variable Ch - 17 Special type of Quadrilaterals Ch - 21 Area of Trapezium and a Polygon Ch - 22 Surface Area, Volume and Capacity Ch - 23 Data Handling	1x15, 4x5, 5x1, (3+3+4)x4 (As per the council)
PROJECT	**TOPIC :** Ch - 23 Data Handling	********************

SUBJECT:-<u>GEOGRAPHY</u>   CLASS:-VIII   NAME OF THE BOOK :- Understanding ICSE Geography

FIRST TERM		
	CHAPTERS	**PATTERN OF QUESTIONS**
1ST CLASS EVALUATION	Ch. 1: representation of geographical features	MCQ – 5M, FILL IN THE BLANKS- 5M, DEFINATIONS AND QUESTION- ANSWER- 10M
HALF YEARLY	CH.1 Representation of geographical features ,ch.2: Population Dynamics, ch.3: migration ch.6: Asia	MCQ- 10M, FILL IN THE BLANCKS- 5M, NAME THE FOLLOWING OR CORRECT THE STATEMENT-5M, DEFINATION-5M, GIVE REASONS-5 MARKS, MAP-10M, QUESTION-ANSWER-40M
PROJECT	TOPIC	Should be discussed in the class
SECOND TERM		
2ND CLASS EVALUATION	Ch.5 Natural and man-made disaster	MCQ – 5M, FILL IN THE BLANKS- 5M, DEFINATIONS AND QUESTION- ANSWER- 10M
FINAL EVALUATION	Ch.5-Natural and man-made disaster, ch.4-urbanization, ch.7- India location….ch.8-India climate	MCQ- 10M, FILL IN THE BLANCKS- 5M, NAME THE FOLLOWING OR CORRECT THE STATEMENT-5M, DEFINATION-5M, GIVE REASONS-5M, MAP-10M,QUESTION-ANSWER-40M
PROJECT	TOPIC	Should be discussed in the class

SUBJECT:-HISTORY & CIVICS   **CLASS:-VIII**   **NAME OF THE BOOK :- LONGMAN HISTORY& CIVICS Enriched**

FIRST TERM		
	CHAPTERS	**PATTERN OF QUESTIONS**
1ST CLASS EVALUATION	HISTORY Ch 1 A Period of Transition CIVICS Ch 1 The Legislature and Executive	Picture Based Questions- 5m Multiple Choice Questions- 5m Answer in brief- 2mX5=10
HALF YEARLY	HISTORY Ch 1 A Period of Transition Ch 2 The Age of Revolutions Ch 5 The Decline of the Mughal Empire CIVICS Ch 1 The Legislature and the Executive Ch 2 The Judiciary	Multiple Choice Questions (mixed questions from History and Civics)- 1X10=10m HISTORY 40 Marks Fill in the blanks½ X 10=5m Name the following-5m Picture based questions-5m Answer in brief -10m Answer in detail- 15m CIVICS 30 Marks Fill in the blanks½ X 6=3m Name the following-4m Answer in brief- 8m Answer in detail-15m
PROJECT	TOPIC- Collect pictures and information on family genealogy of the following historical figures- Tantia Tope, Rani Lakshmi Bai, Begum Hazrat Mahal, Bahadur Shah II	***************************
SECOND TERM		
2ND CLASS EVALUATION	HISTORY Ch 6 Rise of Regional Kingdoms and Autonomous Kingdoms CIVICS Ch 3 The United Nations Organisation	Picture Based Questions-5m Multiple Choice Questions-5m Answer in brief-2mX5=10m

FINAL EVALUATION	HISTORY
	Ch 6 Rise of Regional Kingdoms and Autonomous Kingdoms
	Ch 9 Expansion of the British Rule
	Ch 10 Impact of the British Rule
	CIVICS
	Ch 3 The United Nations Organisation
	Ch 4 Specialised Agencies of the UN
		Multiple Choice Questions
		(mixed questions from History and Civics)-
		1X10=10m
		          HISTORY 40 Marks
		Fill in the blanks½ X 10=5m
		Name the following-5m
		Picture based questions-5m
		Answer in brief-10m
		Answer in detail-15m
		          CIVICS 30 Marks
		Fill in the blanks-½ X 6=3m
		Name the following- 4m
		Answer in brief- 8m
		Answer in detail-15m

PROJECT	TOPIC- Collect information about the UNESCO heritage sites found in India.	***************************

SUBJECT:- <u>PHYSICS</u>   **CLASS:-VIII**   **NAME OF THE BOOK :-** Concise Physics (Selina)

<table>
<tr><td colspan="3" align="center">FIRST TERM</td></tr>
<tr><td></td><td>CHAPTERS</td><td>PATTERN OF QUESTIONS</td></tr>
<tr>
<td>1ST CLASS EVALUATION</td>
<td>Chapter 1 Matter
Chapter 2 Physical Quantities And Measurement</td>
<td>M.c.q,
Short questions- define, units, conversion, true or false, matching, name the Following, numericals

Time- 40 min full marks-20</td>
</tr>
<tr>
<td>HALF YEARLY</td>
<td>Chapter 1 Matter
Chapter 2 Physical Quantities And Measurement
Chapter 3 Force And Pressure
Chapter 4 Energy
Chapter 5 Light Energy(Up To Page 87)
Chapter 7 Sound</td>
<td>M.c.q
Short questions- Define, Units, Conversion, True Or False, Matching, Name The Following, Diagram Based Questions
Give reasons
Numericals

Time- 2 hours full marks-80
Section –a (40 marks)
(attempt all the questions)
Q1- m.c.q(15)
Q2- short questions(10)
Q3- short questions(15)

Section- b (40 marks)
(attempt any 4 questions)
Q4- 3+3+4
Q5- 3+3+4
Q6- 3+3+4
Q7 - 3+3+4
Q8- 3+3+4</td>
</tr>
<tr>
<td>PROJECT</td>
<td>Topic
Group project presentation on chapters 2 , 3, 4 & 5</td>
<td>*************************</td>
</tr>
<tr><td colspan="3" align="center">SECOND TERM</td></tr>
<tr>
<td>2ND CLASS EVALUATION</td>
<td>Chapter 5 Light Energy (Full Chapter)
Chapter 6 Sound</td>
<td>M.c.q,
Short questions- Define, Units, Conversion, True Or False, Matching, Name The Following, Numericals

Time- 40 min full marks-20</td>
</tr>
<tr>
<td>FINAL EVALUATION</td>
<td>Chapter 1 Matter
Chapter 2 Physical Quantities And Measurement
Chapter 3 Force And Pressure
Chapter 4 Energy
Chapter 5 Light Energy(Up To Page 87)
Chapter 6 Heat Transfer
Chapter 7 Sound
Chapter 8 Electricity</td>
<td>M.C.Q
Short questions- Define, Units, Conversion, True Or False, Matching, Name The Following, Diagram Based Questions
Give Reasons
Numericals

Time- 2 hours full marks-80
Section –a (40 marks)
(attempt all the questions)
Q1- m.c.q(15)
Q2- short questions(10)
Q3- short questions(15)

Section- b (40 marks)
(attempt any 4 questions)
Q4- 3+3+4
Q5- 3+3+4
Q6- 3+3+4
Q7 - 3+3+4
Q8- 3+3+4</td>
</tr>
<tr>
<td>PROJECT</td>
<td>TOPIC
GROUP PROJECT PRESENTATION ON CHAPTERS 5 , 6, 7 & 8</td>
<td>*************************</td>
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</table>

SUBJECT:-CHEMISTRY   **CLASS:-VIII**   **NAME OF THE BOOK :- Consice Chemistry (Selina)**

<table>
<tr><td colspan="3" align="center">FIRST TERM</td></tr>
<tr><td></td><td>CHAPTERS</td><td>PATTERN OF QUESTIONS</td></tr>
<tr>
<td>1stClass Evaluation</td>
<td>CH 1: Matter
CH 2: Physical and chemical changes
CH 3: Elements, compounds & mixtures</td>
<td>Section A: 40 marks (Compulsory)
Question 1: MCQ - 15 marks
Question 2: 5Q X 5M = 25 marks
■ Diagram based question</td>
</tr>
<tr>
<td>Project</td>
<td>Group activities:
(i) Demonstrate any two processes of separation in the classroom with its principles
and examples
(ii) Draw the atomic structure of any 5 atoms
with 5 statements about them</td>
<td>■ Fill in the blanks with 3 multiples.
■ Name the following
■ Identify the term.
■ Choose the correct answer from the bracket
■ Match the following
■ Differentiate in one point
■ Name the gas that evolved during the reaction.</td>
</tr>
<tr>
<td>Half-yearly</td>
<td>CH 1: Matter
CH 2: Physical and chemical changes
CH 3: Elements, compounds & mixtures
CH 4: Atomic structure
CH 5: Language of Chemistry</td>
<td>■ Writing chemical formula
Section – B (Attempt any four questions)
NOTE: From question no 3 to question no. 8</td>
</tr>
<tr>
<td>2ndClass Evaluation</td>
<td align="center">SECOND TERM

CH 6: Chemical reactions
CH 7: Hydrogen</td>
<td>Children have to answer any four questions)
Each question = 10 marks
■ Give a reason.
■ Classify the following into…
■ Drawing the figure and labelling.
■ Identify the following.</td>
</tr>
<tr>
<td>Project</td>
<td>Group activities:
(i) Prepare a chart for the water cycle and explain.
(ii) Collect two allotropes of carbon and state
any two uses of it.</td>
<td>■ Odd one out with a reason
■ Writing a balanced equation for the reaction
■ Writing chemical formula
■ Balance the following equations
■ Table based question</td>
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<tr>
<td>Final Evaluation</td>
<td>CH 5: Language of Chemistry
CH 6: Chemical reactions
CH 7: Hydrogen
CH 8: Water
CH 9: Carbon and its compounds</td>
<td>■ Very short type question answer
■ Correct the statement
■ True or false with a reason if false.
■ Differentiate in one point
NOTE: Emphasis must be given to easy analytical, understanding, drawing skills and knowledge through the above question pattern from the chapter exercise and inside the content.</td>
</tr>
</table>

FIRST TERM		
	CHAPTERS	PATTERN OF QUESTIONS
1ST CLASS EVALUATION	Transport in plants.	Name the following. Drawing. Mcq.
HALF YEARLY	1.Reproduction of plants. 2.Reproduction in humans. 3.Ecosystem. 4.Endocrine system. 5.Transport in plants	Sec A. MCQ, name the following, fill up, odd one out, match the following, location and function. SecB. Define, differentiate, give reason, diagram to draw, diagramatic, abbreviation name the following.
PROJECT	Endocrine system	Location of endocrine glands.
SECOND TERM		
2ND CLASS EVALUATION	Circulatory system.	Name the following. Drawing. Mcq.
FINAL EVALUATION	1.Nervous system. 2.Disease. 3.Food production. 4.Circulatory system.	Same as given in half Yearly.
PROJECT	Disease	Disease with the symptoms and causative agent.

FIRST TERM		
	CHAPTERS	**PATTERN OF QUESTIONS**
1ST CLASS EVALUATION	Ch 1. Operating System And Graphical User Interface and assignment based Java programs done in class 7	Q1.Write one word for the following(5M) Q2.Define the following(5M) Q3.Write Java programs(10M)
HALF YEARLY	Ch 1. Operating System And Graphical User Interface Ch 2. Spreadsheet-Ranges and /functions Ch 5. Program Coding(up to pg-96) Ch 7. Networks(pg.148-149),(pg.153-163) **Java Programs:-** 1.WAP to input customer id, customer name and purchase amount . Calculate discount as 20% of purchase amount. Print customer id, customer name and purchase amount and amount to be paid with message. 2.WAP to input roll number, name, marks in 3 subject of a student .Calculate total mark and average mark. Print roll number,name,totalmark and average mark with message. 3.WAP to input diameter of a circle. Calculate and print radius ,area and circumference with message . 4.WAP to input length, breadth and height of cuboid . Calculate and print its volume(l*b*h) and surface area(2*(l*b)+(l*h)+(b*h)) with message. 5.WAP to input 3 sides of a scalene triangle m,n,p. Calculate and display its area with message.(area= $\sqrt{s(s-m)(s-n)(s-p)}$, where s=m+n+p/2) 6.WAP to input the principal ,rate and time . Calculate and print the simple interest and amount with message. [si=(p*t*r)/100 amount=principal+si] 7.WAP to input the name and basic pay of an employee. Calculate HRA as 12% of basic pay ,DA as 50% of basic pay and gross pay as basic pay+DA+HRA. Print/display name, basic pay and gross pay. 8. WAP to input the cost price and selling of a commodity. Calculate profit amount. Print/display the cost price, selling price and profit amount . 9. WAP to input diameter of a circle. Calculate and print/display radius ,area and circumference . 10. WAP to input the perimeter of a square.Calculate and print its side and area. 11. WAP to input the value of x and y .Calculate and print the value of the equation -5x^2+$\sqrt{12xy}$-3y+7x^2+xy	**SECTION-A** Q1.Write one word for the following(5M) Q2.Choose the correct answer(5M) Q3.Define the following(5M) Q4.Write answers in 2 to 3 sentences(10M) Q5.Write the answer in Detail(15M) **SECTION-B** Q6.Write Java statements(5M) Q7.Rectify the errors in java statements and rewrite(5M) Q8.Write dry-run and output(10M) Q9.Write Java Programs (20M))
PROJECT	**TOPIC:- Program typing and execution in lab**	**************************
SECOND TERM		
2ND CLASS EVALUATION	Ch 5.Program Coding(Full)	Q1.Write one word for the following(5M) Q2.Define the following(5M) Q3.Write Java programs(10M)
FINAL EVALUATION	Ch 3. Charts in MS-Excel Ch 4. Algorithm and Flow Charts Ch 5.Program Coding(Full) Ch 8.More On Networks(Pg.177 not included) **Java Programs:-** 1.WAP to input 2 numbers check and print the greater number. 2. WAP to input 2 numbers check and print the smaller number. 3.WAP to input a number check and print if its odd positive, even positive or odd negative or even negative. 4.WAP to input the side of a square and length ,breadth of a rectangle, calculate their areas, check and print which is greater and by how much.	**SECTION-A** Q1.Write one word for the following(5M) Q2.Define the following(5M) Q3.Write answers in 2 to 3 sentences(10M) Q4.Write the answer in Detail(10M)

	5. WAP to input the side of a cube and length ,breadth, height of a cuboid, calculate their volumes, check and print which is greater and by how much. 6.WAP to input three angles of a triangle. Check if they form a valid triangle. If so also check and print if it's an equilateral, isosceles or scalene triangle. 7.Define a class Park, described as below:-	Q5.Write algorithm and draw flowchart(10M)

5. WAP to input the side of a cube and length ,breadth, height of a cuboid, calculate their volumes, check and print which is greater and by how much.

6.WAP to input three angles of a triangle. Check if they form a valid triangle. If so also check and print if it's an equilateral, isosceles or scalene triangle.

7.Define a class Park, described as below:-

Data members:-
EntryFee(double),Age(int),Discount(double),Amount(double)
accept age and entry fee, calculate the amount payable by giving discount as per the following chart:-

Age(in years)	Discount on entry fee
<=12	45%
>=50	50%
otherwise	10%

Print all the details.

8. WAP to design the class named employee with the following member variables:- String name, float basic, float da, float hra. Accept the name, basic salary of the employee, calculate da as 100% of basic, hra as per the information :-

Basic salary	% of basic salary
Below 5 lakhs	10
5 lakh to 50 lakh	20
50 lakh and above	30

9. Input cost price and selling price of an article. Find profit or loss. Also find the profit percentage or loss percentage. Print cost price, selling price, profit or loss and percentage of profit or loss.

10.Input name and marks in three subjects of a student. Find percentage marks ,if each subject is for 75 marks. Assign grade on the following basis:

Percentage Mark	Grade
80 and above	A+
60 and above	A
40 and above	B
Below 40	ReTest

11.Input Name and Annual Pay of an Employee. Assign Category of House eligible and Loan Amount Sanctioned on the following basis :

Annual Pay (Rs.)	Upto 2,00,000	Upto 5,00,000	Above 5,00,000
Loan Amount (% of Annual Pay)	200	300	500
Category of House	MIG	HIG	DUPLEX

12.Input a number. Check and print if it is a Single Digit number or Double Digit number or Triple Digit number or more.

SECTION-B

Q6.Write Java statements(5M)

Q7.Rectify the errors in java statements and rewrite(5M)

Q8.Write dry-run and output(10M)

Q9.Write Java Programs(20M))

PROJECT	TOPIC:- Program typing and execution in lab	***************************