

**LOYOLA SCHOOL, BHUBANESWAR**  
**SYLLABUS (2026 – 27) CLASS – VIII**

**SUBJECT:-ENGLISH LANGUAGE**

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

<b>FIRST TERM</b>		
	<b>CHAPTERS</b>	<b>PATTERN OF QUESTIONS</b>
<b>1<sup>ST</sup> CLASS EVALUATION</b>	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)
<b>HALF YEARLY EVALUATION</b>	I. Essay: (Descriptive, Narrative); 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. Agreement of the Verb with the Subject	I. Essay (Descriptive; Narrative ); Picture Composition; Story Writing (250 to 300 words) – (4 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 <i>and, but</i> or <i>so</i> (1x7=7m) • Rewrite as per the given instructions - (1x10=10m)
<b>PROJECT</b>	TOPIC: Orals	*****
<b>SECOND TERM</b>		
<b>2<sup>ND</sup> CLASS EVALUATION</b>	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)
<b>FINAL EVALUATION</b>	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 <i>and, but</i> or <i>so</i> (1x7=7m) • Rewrite as per the given instructions – (1x10=10m)
<b>PROJECT</b>	TOPIC:Aural	*****

<b>FIRST TERM</b>		
	<b>CHAPTERS</b>	<b>PATTERN OF QUESTIONS</b>
<b>1<sup>ST</sup> CLASS EVALUATION</b>	DREAMCATCHER: 1.The Image  GOODBYE, MR. CHIPS! : 1.Chs. 1 and 2	1. Multiple Choice Questions (MCQ) - (Only from GOODBYE, MR. CHIPS!) – 1mx10=10m 2. Reference to the Context (DREAMCATCHER) – 10mx1=10m
<b>HALF YEARLY</b>	DREAMCATCHER: 1. The Image 2. The Honest Bird (Poem) 3. A Scandal in Bohemia I 4. A Scandal in Bohemia II 5. The Call of Spring (Poem)  GOODBYE, MR. CHIPS! 1. Chs- 3,4 and 5	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
<b>PROJECT</b>	TOPIC: Activity	*****
<b>SECOND TERM</b>		
<b>2<sup>ND</sup> CLASS EVALUATION</b>	DREAMCATCHER: 1.An Entertainment with Animals  GOODBYE, MR. CHIPS! 1.Chs. –6 and 7	1. Multiple Choice Questions (MCQ) (Only from GOODBYE, MR. CHIPS!) – 1mx10=10m 2. Reference to the Context (DREAMCATCHER) –10mx1=10m
<b>FINAL EVALUATION</b>	DREAMCATCHER: 1. An Entertainment with Animals 2. Haroun Meets Iff 3. Hoodwinked 4. O! Captain! My Captain! (Poem) 5. As I Grew Older (Poem)  GOODBYE, MR. CHIPS! : Chs- 8,9 and 10	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
<b>PROJECT</b>	TOPIC : Activity	*****

FIRST TERM		
	CHAPTERS	PATTERN OF QUESTIONS
<b>1<sup>ST</sup> CLASS EVALUATION</b>	३ परीक्षा व्याकरण- तत्सम-तद्भव-(1-33तक) अनेकार्थक शब्द-(1-17तक) निर्देशानुसार वाक्य परिवर्तन लोकोक्तियाँ	अवतरणों पर आधारितप्रश्न2+2+3 + 3=10 marks व्याकरण –10 marks
<b>HALF YEARLY EVALUATION</b>	४ यह धरती कितना देती है ५ चिकित्साका चक्कर ६ क्या निराशहुआजाए ७ कर्त्तव्य बोध १ प्रियतम व्याकरण पर्यायवाची शब्द-(1-37तक) विलोम शब्द-(1-37तक) श्रुतिसमभिन्नार्थक शब्द-(1-18तक) वाक्यांशों के लिए एक शब्द-(1-30तक) भाववाचकसंज्ञा शब्द-(pg no.79- 80तक) लिंग-(pg no. 85-87तक) वाक्य शोधन-(pg no. 164-168तक) शब्द शोधन वाच्य,काल,लिंग,कारक मुहावरे-(1-30तक) लोकोक्तियाँ-(1-15तक) पत्र-लेखन प्रस्तावलेखन अपठित गद्यांश	<b>SECTION-A</b> प्रस्तावलेखन-15 marks पत्रलेखन-7marks अपठितगद्यांश -10 marks व्याकरण –8 marks  <b>SECTION- B</b> अवतरणों पर आधारितप्रश्न गद्य – पद्य (2+2+3+3=10x4=40) गद्य से चारअवतरण पद्य सेदोअवतरण दिए गएअवतरणोंमेंसेकिंहीं चारअवतरणों पर आधारितप्रश्नोंकेउत्तरलिखिए। गद्य एवं पद्य भागसेएकएकअवतरणकाउत्तरदेना अनिवार्यहै
<b>PROJECT(Individual/group)- 5 marks C.W/H.W, behavior and punctuality -3 marks Attendance – 2marks Half yearly Evaluation-80 marks Total -100marks</b>	<b>TO BE DISCUSSED IN CLASS</b>	*****

<b>SECOND TERM</b>		
	<b>CHAPTERS</b>	<b>PATTERN OF QUESTIONS</b>
<b>2<sup>ND</sup> CLASS EVALUATION</b>	११ चाँदीकाजूता व्याकरण तत्सम-तद्भव-34-66 तक अनेकार्थक शब्द-18-35 तक निर्देशानुसार वाक्य परिवर्तन लोकोक्तियाँ	अवतरणों पर आधारित प्रश्न 2+2+3 + 3=10marks व्याकरण –10 marks
<b>FINAL EVALUATION</b>	९ श्रीरामकीबाल-लीला १० गोशाला १४ मैं और मेरा देश १५ बिंदा १९ सत्कर्तव्य  व्याकरण पर्यायवाची शब्द-38-74 तक श्रुतिसमभिन्नार्थक शब्द-19-33 तक वाक्यांशों के लिए एक शब्द-31-60 तक विशेषण शब्द-(pg no. 118-119 तक) वचन-(pg no.91-92 तक) वाक्य शोधन शब्द शोधन वाक्य, वाच्य, काल, लिंग, वचन मुहावरे-(31-60 तक) लोकोक्तियाँ-(16-30 तक) पत्र-लेखन प्रस्तावलेखन अपठित गद्यांश	<b>SECTION-A</b> प्रस्तावलेखन-15 marks पत्रलेखन-7marks अपठित गद्यांश -10 marks व्याकरण –8 marks  <b>SECTION- B</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 किन्हीं चार अवतरणों पर आधारित प्रश्नों के उत्तर लिखिए। गद्य एवं पद्य भाग से एक एक अवतरण का उत्तर देना अनिवार्य है
<b>PROJECT(Individual/group)-5 marks C.W/H.W, behavior and punctuality -3 marks Attendance – 2marks Half yearly Evaluation-80 marks Total -100marks</b>	<b>TO BE DISCUSSED IN CLASS</b>	*****

2. ବ୍ୟାକରଣ ସୌରଭ

FIRST TERM		
	CHAPTERS	PATTERN OF QUESTIONS
1 <sup>ST</sup> CLASS EVALUATION	Ch 1. -ପୃଥ୍ବୀ ପ୍ରତି	ବ୍ୟାକରଣ - 8 ଅନୁଛେଦମୂଳକ ପ୍ରଶ୍ନାବଳୀ - 12
HALF YEARLY EVALUATION	Ch 1. ପ୍ରଗତି ଓ ମାନବ ଧର୍ମ Ch 2. ଆଖି Ch 3. ଦୟାର ସାଗର ବିଦ୍ୟା ସାଗର Ch 4. ପରିଶ୍ରମ Ch 5. ବୁଢ଼ା ଶଙ୍ଖାରୀ  ( ବ୍ୟାକରଣ - ରୁଦ୍ଧ - (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 ଅନୁଛେଦ , ରଚନା , ପତ୍ର ଲିଖନ)	Section A ରଚନା - 15 ପତ୍ର ଲିଖନ - 7 ବ୍ୟାକରଣ - 8 ଅଜଣା ଅନୁଛେଦ - 10  Section B ଅନୁଛେଦମୂଳକ ପ୍ରଶ୍ନାବଳୀ (10 x 4 = 40 )
PROJECT	TOPIC:-ମାନବ ସେବା ହିଁ ମାଧବ ସେବା - ଚିତ୍ର ସହ 250 ଶବ୍ଦରେ ଲେଖ ।	*****
SECOND TERM		
2 <sup>ND</sup> CLASS EVALUATION	Ch 1. କହିବି କଥାଟି	ବ୍ୟାକରଣ - 8 ଅନୁଛେଦମୂଳକ ପ୍ରଶ୍ନାବଳୀ - 12
FINAL EVALUATION	Ch 1. ସାକ୍ଷୀ ଗୋପାଳ Ch 2. ଗାନ୍ଧୀଜୀର ଆଶୀର୍ବାଦ Ch 3. ମୃତ୍ୟୁ ବିଜୟୀ ବାଳକ Ch 4. ଲୁହ Ch 5. ଦୀପଶିଖା  ( ବ୍ୟାକରଣ - ରୁଦ୍ଧ - (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 - (୫୭) , ସଜାଡ଼ି ଲେଖ , ଅଜଣା ଅନୁଛେଦ , ରଚନା , ପତ୍ର ଲିଖନ)	Section A ରଚନା - 15 ପତ୍ର ଲିଖନ - 7 ବ୍ୟାକରଣ - 8 ଅଜଣା ଅନୁଛେଦ - 10  Section B ଅନୁଛେଦମୂଳକ ପ୍ରଶ୍ନାବଳୀ (10 x 4 = 40 )
PROJECT	TOPIC:-ଓଡ଼ିଶାର କୌଣସି ଏକ ଐତିହାସିକ ସ୍ଥାନ ବିଷୟରେ ଚିତ୍ର ସହ 250 ଶବ୍ଦରେ ଲେଖ ।	*****

**SUBJECT:-MATHEMATICS**

CLASS:-VIII

NAME OF THE BOOK :- Concise Mathematics (Selina)

FIRST TERM		
	CHAPTERS	PATTERN OF QUESTIONS
1 <sup>ST</sup> 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 - 7 Percent and Percentage Ch - 11 Algebraic Expressions Ch - 12 Identities Ch - 13 Factorisation Ch - 14 Linear Equation in one Variable Ch - 18 Construction	1 marks x15, 4 marks x5, 5 marks x1, (3+3+4) marks x4 (As per the council)
PROJECT	TOPIC : Ch - 18 Construction	*****
SECOND TERM		
	CHAPTERS	PATTERN OF QUESTIONS
2 <sup>ND</sup> 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 - 17 Special type of Quadrilaterals Ch - 21 Area of Trapezium and a Polygon Ch - 22 Surface Area, Volume and Capacity	1 marks x15, 4 marks x5, 5 marks x1, (3+3+4) marks x4 (As per the council)
PROJECT	TOPIC : Data Handling	*****

**SUBJECT:-GEOGRAPHY**

CLASS:-VIII

NAME OF THE BOOK :- VOYAGE (Oxford)

FIRST TERM		
	CHAPTERS	PATTERN OF QUESTIONS
1 <sup>ST</sup> CLASS EVALUATION	Ch. 2: population	MCQ – 5M, FILL IN THE BLANKS- 5M, DEFINATIONS AND QUESTION- ANSWER- 10M
HALF YEARLY EVALUATION	CH.1 Representation of geographical features ,ch.2: Population Dynamics, ch.3: migration ch.7: Asia location, Extent, political and physical Ch8: climate and natural vegetation	MCQ- 10M, FILL IN THE BLANKS- 5M, NAME THE FOLLOWING OR CORRECT THE STATEMENT-5M, DEFINATION-5M, GIVE REASONS-5 MARKS, MAP-10M, QUESTION-ANSWER-40M
PROJECT	TOPIC	Problems of migration
SECOND TERM		
	CHAPTERS	PATTERN OF QUESTIONS
2 <sup>ND</sup> 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.9.India location Ch. 10. Climate and natural vegetation and chapter 1	MCQ- 10M, FILL IN THE BLANKS- 5M, NAME THE FOLLOWING OR CORRECT THE STATEMENT-5M, DEFINATION-5M, GIVE REASONS-5M, MAP-10M,QUESTION- ANSWER-40M
PROJECT	TOPIC	Wildlife in India

<b>FIRST TERM</b>		
	<b>CHAPTERS</b>	<b>PATTERN OF QUESTIONS</b>
<b>1<sup>ST</sup> CLASS EVALUATION</b>	HISTORY Ch 1 A Period of Transition Ch 2 The Industrial Revolution and Imperialism	1. Multiple Choice Questions (MCQ)-5m 2. Name the Following - 5m 3. Answer in Brief-2mx5=10m
<b>HALF YEARLY EVALUATION</b>	HISTORY Ch 1 A Period of Transition Ch 2 The Industrial Revolution and Imperialism *(Ch1&2 only question Answers)  Ch 4 The French Revolution Ch 6 Decline of the Mughal Empire and Rise of Independent Kingdoms  CIVICS Ch 1 The Union Legislature Ch-2 The Union Executive	<b>SECTION A</b> 1. Multiple Choice Questions (MCQ) – (Both History & Civics) -1mx10=10m  <b>SECTION B – HISTORY (40 Marks)</b> 1. Fill in the Blanks -1/2x10=5m 2. Picture Study-1x5=5m 3. Match the following 1x5=5m 4. Answer the Questions -25m <b>SECTION C CIVICS (30 Marks)</b> 1. Fill in the blanks-1/2mx6=3m 2. Picture Study- 1x3=3m 3. Answer the Questions -24m
<b>PROJECT</b>	TOPIC- American War of Independence	Details to be explained in class.
<b>SECOND TERM</b>		
<b>2<sup>ND</sup> CLASS EVALUATION</b>	HISTORY Ch 7 Rise of British Power in Bengal	1. Multiple Choice Questions (MCQ)-5m 2. Name the Following - 5m 3. Answer in Brief-2mx5=10m
<b>FINAL EVALUATION</b>	HISTORY Ch 7 Rise of British Power in Bengal *(Only Question Answers) Ch 8 Policies of British Expansion Ch 10 Introduction of Modern Education  CIVICS Ch 3 The Judiciary 1. Ch 4 The United Nations	<b>SECTION A</b> 1. Multiple Choice Questions (MCQ) – (Both History & Civics) -1mx10=10m <b>SECTION B – HISTORY (40 Marks)</b> 1. Fill in the Blanks -1/2x10=5m 2. Picture Study-1x5=5m 3. Match the following 1x5=5m 4. Answer the Questions -25m <b>SECTION C CIVICS (30 Marks)</b> 1. Fill in the blanks-1/2mx6=3m 2. Write the Full forms: 1x2=2m 3. Picture Study- 5m 4. Answer the Questions-20m
<b>PROJECT</b>	TOPIC- Revolt of 1857	Details to be explained in class

<b>FIRST TERM</b>		
	<b>CHAPTERS</b>	<b>PATTERN OF QUESTIONS</b>
<b>1<sup>ST</sup> CLASS EVALUATION</b>	Chapter 1 MATTER Chapter 2 PHYSICAL QUANTITIES AND MEASUREMENT	M.CQ, Short questions- define, units, conversion, true or false, matching, name the Following, numericals  Time- 40 min full marks-20
<b>HALF YEARLY EVALUATION</b>	Chapter 1 MATTER Chapter 2 PHYSICAL QUANTITIES AND MEASUREMENT Chapter 3 FORCE AND PRESSURE Chapter 4 ENERGY Chapter 5 LIGHT ENERGY	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
<b>PROJECT</b>	Topic : Group project presentation on chapters 2 , 3, 4 & 5	*****
<b>SECOND TERM</b>		
<b>2<sup>ND</sup> CLASS EVALUATION</b>	Chapter 5 LIGHT ENERGY Chapter 6 HEAT TRANSFER	M.c.q, Short questions- Define, Units, Conversion, True Or False, Matching, Name The Following, Numericals  Time- 40 min full marks-20
<b>FINAL EVALUATION</b>	Chapter 5 LIGHT ENERGY Chapter 6 HEAT TRANSFER Chapter 7 SOUND Chapter 8 ELECTRICITY	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
<b>PROJECT</b>	TOPIC : GROUP PROJECT PRESENTATION ON CHAPTERS 5 , 6, 7 & 8	*****

<b>FIRST TERM</b>		
	<b>CHAPTERS</b>	<b>PATTERN OF QUESTIONS</b>
<b>1<sup>st</sup>Class Evaluation</b>	CH 1: Matter CH 2: Physical and chemical changes	<b>Section A: 40 marks (Compulsory)</b> Question 1: MCQ - 15 marks Question 2: 5Q X 5M = 25 marks <ul style="list-style-type: none"> <li>■ Diagram based question</li> <li>■ Fill in the blanks with 3 multiples.</li> <li>■ Name the following</li> <li>■ Identify the term.</li> <li>■ Choose the correct answer from the bracket</li> <li>■ Match the following</li> <li>■ Differentiate in one point</li> <li>■ Name the gas that evolved during the reaction.</li> <li>■ Writing chemical formula</li> </ul> <b>Section – B (Attempt any four questions)</b> NOTE: From question no 3 to question no. 8 Children have to answer any four questions) Each question = 10 marks <ul style="list-style-type: none"> <li>■ Give a reason.</li> <li>■ FRQ</li> <li>■ Write one observation.</li> <li>■ Classify the following into...</li> <li>■ Drawing the figure and labelling.</li> <li>■ Identify the following.</li> <li>■ Odd one out with a reason</li> <li>■ Writing a balanced equation for the reaction</li> <li>■ Writing chemical formula</li> <li>■ Balance the following equations</li> <li>■ Table based question</li> <li>■ Very short type question answer</li> <li>■ Correct the statement</li> <li>■ True or false with a reason if false.</li> <li>■ Differentiate in one point</li> </ul> <b>NOTE: Emphasis must be given to easy analytical, understanding, drawing skills and knowledge based question.</b>
<b>Project</b>	<b>Group activity/individual activity:</b> Any activity from the first two chapters.	
<b>Half-yearly Evaluation</b>	CH 1: Matter CH 2: Physical and chemical changes CH 3: Elements, compounds & mixtures CH 4: Atomic structure CH 5: Language of Chemistry	
<b>2<sup>nd</sup>Class Evaluation</b>	<b>SECOND TERM</b>	
	CH 6: Chemical reactions	
<b>Project</b>	<b>Group activity:</b> Prepare a chart for the water cycle and explain.	
<b>Final Evaluation</b>	CH 5: Language of Chemistry CH 6: Chemical reactions CH 7: Hydrogen CH 8: Water	

FIRST TERM		
	CHAPTERS	PATTERN OF QUESTIONS
<b>1<sup>ST</sup> CLASS EVALUATION</b>	Ch6 Circulatory System	Objective type and brief answer type, diagram and diagram based .Total 20 marks.
<b>HALF YEARLY EVALUATION</b>	Ch6. Circulatory System Ch5. Endocrine system Ch1. Transport in Plants Ch2. Reproduction in Plants. Ch4. Ecosystem	SecA. MCQ, name the following, fill up, odd one out, match the following, location and function. Sec B. Define, differentiate, give reason, diagram to draw, diagramatic, abbreviation name the following.
<b>PROJECT</b>	Endocrine system	Location of endocrine glands.
SECOND TERM		
<b>2<sup>ND</sup> CLASS EVALUATION</b>	Ch3.Reproduction in Animals.	Objective type and diagram and diagram based .Total 20 marks.
<b>FINAL EVALUATION</b>	Ch7.Nervous system. Ch8.Diseases and first aid. Ch10Food production.	Same as given in half Yearly.
<b>PROJECT</b>	Diseases	Disease with the symptoms and causative agent.

FIRST TERM		
	CHAPTERS	PATTERN OF QUESTIONS
<b>1<sup>ST</sup> CLASS EVALUATION</b>	Ch 1. Operating System And Graphical User Interface and Input based Java programs.	Q1. Write one word for the following(5M) Q2. Define the following(5M) Q3. Write Java programs(10M)
<b>HALF YEARLY EVALUATION</b>	Ch 1. Operating System And Graphical User Interface Ch 2. Spreadsheets-Ranges and /functions Ch 5. Program Coding (up to pg-96) <b>Java Programs: -</b> 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 subjects of a student. Calculate total mark and average mark. Print roll number, name, total mark 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 $s=m+n+p/2$ )	<b>SECTION-A</b> 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) <b>SECTION-B</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))

<b>HALF YEARLY EVALUATION</b>	<ol style="list-style-type: none"> <li>6. WAP to input the principal, rate and time. Calculate and print the simple interest and amount with message. <math>[si=(p*t*r)/100 \text{ amount}=\text{principal}+si]</math></li> <li>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.</li> <li>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.</li> <li>9. WAP to input diameter of a circle. Calculate and print/display radius, area and circumference.</li> <li>10. WAP to input the perimeter of a square. Calculate and print its side and area.</li> <li>11. WAP to input the value of x and y. Calculate and print the value of the equation – <math>5x^2+\sqrt{12xy}-3y+7x^2+xy</math></li> </ol>	
<b>PROJECT</b>	<b>TOPIC: - Program typing and execution in lab</b>	*****
<b>SECOND TERM</b>		
<b>2<sup>ND</sup> CLASS EVALUATION</b>	Ch 5. Program Coding (Full)	Q1. Write one word for the following(5M) Q2. Define the following(5M) Q3. Write java programs(10M)
<b>FINAL EVALUATION</b>	Ch 3. Charts in MS-Excel Ch 4. Algorithm and Flow Charts Ch 5. Program Coding (Full) <b>Java Programs: -</b> <ol style="list-style-type: none"> <li>1. WAP to input 2 numbers check and print the greater number.</li> <li>2. WAP to input 2 numbers check and print the smaller number.</li> <li>3. WAP to input a number check and print if its odd positive, even positive or odd negative or even negative.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>7. Define a class Park, described as below: -  Data members: -  Entry Fee(double), Age(int), Discount(double), Amount(double)</li> </ol>	<p style="text-align: center;"><b>SECTION-A</b></p> 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) Q5. Write algorithm and flowchart(10M)  <p style="text-align: center;"><b>SECTION-B</b></p> 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 Program(20M)

**FINAL EVALUATION**

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 lakhs to 50 lakhs	20
50 lakhs 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.

**PROJECT**

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

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