

LOYOLA SCHOOL, BHUBANESWAR
SYLLABUS (2020 – 21)

CLASS IX

SUBJECT	HALF YEARLY EVALUATION	FINAL EVALUATION
English Language	<p>Half-Yearly Evaluation: 80 Marks Total English: Practice Paper – 2 to 8 Project: 10 Marks (Oral skills) CW / HW : 10 Marks</p>	<p>Final Evaluation: 80 Marks Half Yearly Evaluation + Total English: Practice Paper – 9 to 15 Project: 10 Marks (Aural skills) CW / HW : 10 Marks</p>
English Literature	<p>Half-Yearly Evaluation: 80 Marks *Merchant of Venice – <ul style="list-style-type: none"> • Act I (scene 1, 2 & 3) *Treasure Trove – <u>Prose</u> <ul style="list-style-type: none"> • A Face in the Dark • The Old Man at the Bridge • A Horse and Two Goats <u>Poem</u> – <ul style="list-style-type: none"> • Television • After Blenheim • The Bangle Sellers Project: 10 Marks (Long Questions) CW / HW : 10 Marks </p>	<p>Final Evaluation: 80 Marks Half Yearly Evaluation + *The Merchant of Venice – <ul style="list-style-type: none"> • Act II (scene 1-9) • Act III (scene 1) only *Treasure Trove – <u>Prose</u> <ul style="list-style-type: none"> • Hearts and Hands • Angel in Disguise • Chief Seattle's speech <u>Poem</u> – <ul style="list-style-type: none"> • Daffodils • The Heart of the Tree • The Cold Within Project: 10 Marks (Long Questions) CW / HW : 10 Marks </p>
History & Civics	<p>Half-Yearly Evaluation: 80 Marks History – Ch 1 – Harrapan Civilization Ch 2 – The Early Vedic Age Ch 3 – The Later Vedic Age Ch 4 – Jainism & Buddhism Ch 5 – The Mauryan Empire Ch 6 – The Sangam Age Ch 7 – The Age of the Guptas Civics – Ch 1 – Our Constitution & Its Salient Features Ch 2 – Fundamental Rights and Duties Ch 3 – Elections and Election Commission Project : 20 marks Topic : <u>Global warming and its consequences</u></p>	<p>Final Evaluation: 80 Marks Half Yearly Evaluation + History – Ch 8 – South India and Cholas Ch 9 – The Delhi Sultanate Ch 10 – The Mughal Empire Ch 11 – The Composite Culture Ch 12 – The Renaissance Ch 13 – The Reformation Ch 14 – Industrial Revolution Civics – Chapter 4 : Local Self Government Rural Chapter: Local Self Government Urban Project : 20 marks Topic : Francis Xavier his early life , his <u>mission and activities in India</u></p>

Geography	<p>Half-Yearly Evaluation: 80 Marks</p> <p>Ch 1 - Earth as a Planet Ch 2 - Geographic Grid – Latitudes and Longitudes Ch 3 - Rotation and Revolution Ch 4 - Earth's Structure Ch 5 - Landforms of the Earth Ch 6 - Rocks Ch 7 - Volcanoes Ch 8 - Earthquakes Ch 20 - Natural Regions of the World Maps - 1, 2, 5 (page 167 of the textbook ok) Project – to be told in the class</p>	<p>Final Evaluation: 80 Marks</p> <p>Half-Yearly Evaluation +</p> <p>Ch 9 - Weathering Ch 10 - Denudation Ch 11 - Hydrosphere Ch 12 - Composition and Structure Of the Atmosphere Ch 13 - Insolation Ch 14 - Atmospheric Pressure and Winds Ch 15 – Humidity Ch 16 – Pollution Ch 17 - Sources of Pollution Ch 18 – Effects of Pollution Ch 19 - Preventive Measures Maps – Natural regions and water bodies of the world Project – Different types of pollutions</p>
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CLASS IX

SUBJECT	HALF YEARLY EVALUATION	FINAL EVALUATION
Mathematics	<p>Half-Yearly Evaluation: 80 Marks</p> <ol style="list-style-type: none"> 1. Rational and Irrational number 2. Expansion 3. Factorization 4. Indices 5. Logarithm 6. Triangle 7. Isosceles Triangle 8. Inequalities 9. Midpoint theorem 10. Pythagoras Theorem 11. Statistics 12. Mean and Median 13. Area and perimeter of plane figure 14. Circle <p>Project: 10 Marks CW / HW : 10 Marks</p>	<p>Final Evaluation: 80 Marks</p> <p>Half Yearly Evaluation +</p> <ol style="list-style-type: none"> 1. Co-ordinate geometry 2. Graphical solution 3. Distance formula 4. Simultaneous equation 5. Compound Interest 6. Trigonometric Ratio 7. Trigonometric ratio and standard angles 8. Solution to right triangles 9. Complementary angles 10. Rectilinear figure 11. Construction of polygon 12. Area theorem 13. Solids <p>Project: 10 Marks CW / HW : 10 Marks</p>
Physics	<p>Half-Yearly Evaluation: 80 Marks</p> <ol style="list-style-type: none"> 1. Measurement and Experimentation. 2. Motion in One Dimension. 3. Laws of Motion. 4. Pressure in Fluids and atmospheric pressure. 5. Heat and Energy. <p><u>Test on numerical of Motion in one dimension: 10mks</u> <u>CW/HW: 10 marks</u></p>	<p>Final Evaluation: 80 Marks</p> <p>Half Yearly Evaluation +</p> <ol style="list-style-type: none"> 1. Upthrust in fluids, Archimedes Principle and Floatation. 2. Reflection of light. 3. Propagation of sound waves 4. Current electricity. 5. Magnetism <p><u>Practical: 10Marks</u> <u>CW/HW: 10 marks</u></p>
Chemistry	<p>Half-Yearly Evaluation: 80 Marks</p> <ol style="list-style-type: none"> 1. Language of chemistry 2. Chemical changes and reactions 3. Water 4. Study of gas laws 5. Atomic structure and chemical bonding <p>PROJECT TEST – 10 MARKS CW & HW COPY – 10 MARKS</p>	<p>Final Evaluation: 80 Marks</p> <p>Half Yearly Evaluation +</p> <ol style="list-style-type: none"> 1. Periodic table 2. Hydrogen 3. Atmospheric pollution 4. Practical chemistry <p>PROJECT TEST – 10 MARKS CW & HW COPY – 10 MARKS</p>

CLASS IX

SUBJECT	HALF YEARLY EVALUATION	FINAL EVALUATION
Biology	<p>Half-Yearly Evaluation: 80 Marks</p> <ol style="list-style-type: none"> 1. Cell 2. Tissues:Plant and Animal tissue 3. The flower 4. Pollination and fertilization 5. Seeds: structure and germination 6. Digestive system 7. Skeleton:Movement and Locomotion. 8. Skin 9. Diseases:cause and control 10. Health organisation <p>Project – Practical (20 marks)</p> <p><u>Question pattern – ICSE Pattern</u></p>	<p>Final Evaluation: 80 Marks</p> <ol style="list-style-type: none"> 1. Half Yearly Evaluation + 2. Economic importance of bacteria and fungi 3. Respiration in plants 4. The respiratory system 5. Five kingdom classification 6. Nutrition 7. Health and Hygiene 8. Aids to health. 9. Waste generation and management <p>Project – Practical (20 marks)</p> <p><u>Question pattern – ICSE Pattern</u></p>
Computer Applications	<p>Half-Yearly Evaluation: 80 Marks Half-Yearly Evaluation: 100 Marks</p> <p>Ch 1. Introduction to Object Oriented Programming Concepts</p> <p>Ch 2. Introduction to Java</p> <p>Ch 3.Elementary Concepts of Objects and Classes</p> <p>Ch 4.Values and Data Types</p> <p>Ch 5.Operators and Expressions</p> <p>Ch 7.Input in Java</p> <p>Ch 9.Conditional Constructs in Java</p> <p>Project :JAVA programs [10 Marks]</p> <p>CW/HW - [10 Marks]</p>	<p>Final Evaluation: 100 Marks Half Yearly Evaluation +</p> <p>Ch 8. Mathematical Library Functions</p> <p>Ch 10.Iteration constructs in JAVA</p> <p>Ch 11.Nested Loops</p> <p>Project :JAVA programs [10 Marks]</p> <p>CW/HW - [10 Marks]</p>
	Question Pattern	
	<p>Section-A[Answer in two to three sentences, Write JAVA statements, Mathematical formulas, Rectify the error and rewrite, Write the dry-run and output]</p> <p>Section-B[JAVA programs]</p>	
Economic Applications	<p>Half-Yearly Evaluation: 80 Marks</p> <ol style="list-style-type: none"> 1. Definition of economics 2. Concept of Economics 3. Basic problems of Economics 4. Types of Economics 5. An overview of Indian Economy 6. Sectors in India Economy <p>CW/Hw- 10 Marks</p> <p>Project : Branding 10 marks</p>	<p>Final Evaluation: 80 Marks</p> <p>Half Yearly Evaluation +</p> <ol style="list-style-type: none"> 1. Public and Private Sectors in Indian Economy 2. Infrastructure 3. Consumer Awareness 4. Globalisation 5. WTO and MNC <p>CW/Hw- 10 Marks</p> <p>Project : Banking 10 marks</p>

CLASS IX

SUBJECT	HALF YEARLY EVALUATION	FINAL EVALUATION
2nd Lang (Hindi)	<p>Half-Yearly Evaluation: 80 Marks साहित्य सागर 1. बात अठन्नी की 2. काकी 3. महायज्ञ का पुरस्कार एकांकी संचय-1,2 भाववाचक संज्ञा-(अतिथि-मीठा) विशेषण-(अंत-घनिष्ठता) विलोम शब्द-(अंधकार-क्रिया) समोच्चरित भिन्नार्थक शब्द-(अंश-अश्म) तत्सम-तद्भव-(लाख –उलाहना) अनेकार्थी शब्द-(अर्क-जीवन) पर्यायवाची शब्द-(अकस्मात्-किनारा) मुहावरे-1-47 लोकोक्तियाँ-1-26 निर्देश के अनुसार वाक्य परिवर्तन ,पत्र , निबंध ,अपठित गद्यांश Project – कोरोना का वैश्विक प्रभाव,समस्या और समाधान/सावधानी 10 Marks CW/HW- 10 Marks</p>	<p>Final Evaluation: 80 Marks Half Yearly Evaluation + साहित्य सागर 4. नेताजी का चश्मा 5. अपना-अपना भाग्य 6. बड़े घर की बेटी (Repetition- 1,2,3) एकांकी संचय- 3,4 एकांकी संचय (Repetition- 1,2) भाववाचक संज्ञा-(राष्ट्रीय-हराना) विशेषण-(घमंड - प्रतीक्षा) विलोम शब्द-(खिलना-वृष्टि) समोच्चरित भिन्नार्थक शब्द-(अपत्य-उपर्युक्त) तत्सम-तद्भव-(अदरक-सत्य) अनेकार्थी शब्द-(जलद-हस्ती) पर्यायवाची शब्द-(किसान- बसंत) वाक्यांशों के लिए एक शब्द-(अवध्य-अविश्वसनीय) मुहावरे-48-97 लोकोक्तियाँ-26-48 निर्देश के अनुसार वाक्य परिवर्तन ,पत्र , निबंध , अपठित गद्यांश Project – नेताजी सुभाषचंद्र बोस का व्यक्तित्व और उनके कार्य 10 Marks CW/HW- 10 Marks</p>
2nd Lang (Odia)	<p>Half-Yearly Evaluation: 80 Marks Class work / Home work – 10 Project – 10 Chapters ଧୂଳିଆ ବାବା କୃପାଣ ମହିମା ବନଫୁଲ ଉଦ୍ୟାନ କୁସୁମ ଗାନ୍ଧୀଜୀର ଆଶୀର୍ବାଦ ଭଦ୍ରଲୋକ ନୀଳ ମାଷ୍ଟାଣୀ ବ୍ୟାକରଣ – ରୂଢ଼ି – (୧ ରୁ ୧୦୦), ପ୍ରତିଶବ୍ଦ (ଅଗ୍ନି ରୁ ପବନ), ସମୋଚ୍ଚରଣ ଶବ୍ଦ , ବିପରୀତ (୯୨ ରୁ ୯୫) , ଭିନ୍ନାର୍ଥକ ଶବ୍ଦ (୮୧ ରୁ ୮୪) , ଏକପଦାକରଣ - ୫୦ ଟା , ସଂଶୋଧନ (୫୫ ରୁ ୫୭) , ସଜାଡ଼ି ଲେଖ , ଅଜଣା ଅନୁଚ୍ଛେଦ , ପତ୍ରଲିଖନ , ରଚନା ପ୍ରୋଜେକ୍ଟ – ଦେଶର ଯେ କୌଣସି ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ପଦବୀରେ ରହି ତୁମର ଦାୟିତ୍ୱ କିପରି ତୁଲାଇଥାଆନ୍ତୁ ଲେଖ । (୨୫୦ ଶବ୍ଦ ମଧ୍ୟରେ)</p>	<p>Final Evaluation: 80 Marks Half Yearly Evaluation + Class work / Home work – 10 Project – 10 Chapters ନୟନପୁର ଏକ୍ସପ୍ରେସ ତିନିରିଫୁଲ ଗରିବର ଦୁର୍ଗାସ୍ତ୍ରବ ଜଗତେ କେବଳ କାଳିଜାଇ ଶିକାର ମୁଖାଗ୍ନି ବ୍ୟାକରଣ – ରୂଢ଼ି – (୧୦୧ ରୁ ୨୦୦) , ପ୍ରତିଶବ୍ଦ - ପର୍ବତ ରୁ ହିମାଳୟ, ସମୋଚ୍ଚରଣ ଶବ୍ଦ ଓ ଭିନ୍ନାର୍ଥକ ଶବ୍ଦ (୮୫ ରୁ ୮୮) , ବିପରୀତ (୯୬ ରୁ ୯୮) , ଏକପଦାକରଣ – ୫୦ ଟା , ସଂଶୋଧନ (୫୮ ରୁ ୬୦) , ସଜାଡ଼ି ଲେଖ , ଅଜଣା ଅନୁଚ୍ଛେଦ , ପତ୍ରଲିଖନ , ରଚନା ପ୍ରୋଜେକ୍ଟ – ସନ୍ତାନ ହିସାବରେ ତୁମର ପରିବାର ପ୍ରତି ଦାୟିତ୍ୱ ଓ କର୍ତ୍ତବ୍ୟକୁ ଲେଖ । (୨୫୦ ଶବ୍ଦ ମଧ୍ୟରେ)</p>