



DELHI PUBLIC SCHOOL (JOKA) SOUTH KOLKATA
SYLLABUS - 2020 -2021
CLASS – XI
COMPUTER SCIENCE

<u>PERIODIC TEST-I</u>	Unit 2: <ul style="list-style-type: none">• Programming and Computational Thinking(PCT-1)
<u>MIDTERM EXAMINATION</u>	<u>Theory</u> Unit 2: (Revision) Unit 3: Society, Law and Ethics <u>Practical</u> <ul style="list-style-type: none">• As per CBSE BoardInstructions
<u>PERIODIC TEST-II</u>	Unit 1: Computer Systems and Organization
<u>ANNUAL EXAMINATION</u>	<ul style="list-style-type: none">• Theory<ul style="list-style-type: none">➤ as per CBSE BoardSyllabus• Practical<ul style="list-style-type: none">➤ As per CBSE BoardInstructions

DEDUCTED SYLLABUS	
Unit I: Computer Systems and Organisation <ul style="list-style-type: none">• Encoding Schemes : UTF8,UTF32• Concept of cloud computing and cloud services (SaaS,IaaS,PaaS), cloud (public/private), Blockchaintechnology	
Unit II: Computational Thinking and Programming - 1 Decomposition – concept, need for decomposing a problem, examples of problem solving using decomposition. <ul style="list-style-type: none">• Sorting algorithm: bubble and insertion sort; count the number of operations whilesorting.	
Suggested Practical List Input a list of elements, sort in ascending/ descending order using Bubble/ Insertion sort.	