



## SANGHAMITRA SCHOOL

### COMPUTER SCIENCE DEPARTMENTAL COMPETITION

The Computer Science Departmental competition will be conducted for classes I to VIII students on 20-03-2023(Monday)



*“Everyone Should Learn How to Code,  
It Teaches You How To Think.” – Steve Jobs.*

#### Objectives:



- To test the student’s ability to recall the concepts taught in class
- To evaluate the knowledge of the students
- To enhance student’s logical, critical and reasoning skills
- To encourage and motivate the students to develop an appreciation for technology.

Type of Test: MCQ’s.

Total number of Questions: 20

Each Question carries 1 mark.

Duration: 30 mins.



**\*\* Top Three students from each section will be awarded a Certificate and a Medal\*\***



<b>CLASS</b>	<b>TOPICS</b>
<b>I</b>	<b>Basics of Computer and its parts, Decoding, number patterns, Odd &amp; Even Numbers, Riddles.</b>
<b>II</b>	<b>Basics of Computer and its parts, Decoding, number patterns, Odd &amp; Even Numbers, Riddles.</b>
<b>III</b>	<b>Input, Output and storage devices, Hardware and software, Responsibilities of Good Digital Citizen, Libre Office Writer, Reasoning and critical thinking, Representing information, Coding and Decoding.</b>
<b>IV</b>	<b>Primary and secondary memory, Basic usage of Internet and its terminology, Libre Office Writer &amp; Impress, Reasoning and critical thinking, Representing information, coding and Decoding.</b>
<b>V</b>	<b>Hardware and software, Data Storage, Network and Internet, Libre office writer, Algorithm and flowcharts &amp; AI basics and New Technologies</b>
<b>VI</b>	<b>Tables in writer, Calc, Impress, Algorithm and flowcharts, Block Coding with variables, conditionals and AI.</b>
<b>VII</b>	<b>Measuring and conversion of Data, Formulas and Functions in Office Calc, Application areas of AI, Networking concepts &amp; Network Topology, Variables in Real life, Sequencing with Block Coding &amp; Fun with Functions.</b>
<b>VIII</b>	<b>Data Storage services, Data Analysis &amp; Cloud Storage, Office Base, Domains of AI (Data, NLP, Computer Vision), Cyber Threats and Security, Conditionals in Details, Get creative with loops, Functions in Depth.</b>