

ACSL

American Computer Science League

Category List 2016-17

CONTEST #1	END DATE: December 23, 2016
DIVISION	
ELEMENTARY	Computer Number Systems - 5
CLASSROOM	Computer Number Systems – Two bases - 4
	Recursive Functions - Not nested - 4
	What Does This Program Do? – Branching - 2
JUNIOR	Computer Number Systems – Two bases - 2
	Recursive Functions - Not nested - 2
	What Does This Program Do? – Branching - 1
INTERMEDIATE	Computer Number Systems – Two bases - 2
	Recursive Functions – Not nested -2
	What Does This Program Do? – Branching - 1
SENIOR	Computer Number Systems – Multiple bases - 2
	Recursive Functions – Nested - 2
	What Does This Program Do? – Branching and Loops- 1

CONTEST #2	END DATE: February 10, 2017
DIVISION	
ELEMENTARY	Pre/Post/Infix Notation - 5
CLASSROOM	Pre/Post/Infix Notation – Basic Operations -4
	Bit String Flicking - No Solving - 4
	What Does This Program Do? – Loops- 1
	LISP – Operations -1
JUNIOR	Pre/Post/Infix Notation – Basic Operations -2
	Bit String Flicking - No Solving - 2
	What Does This Program Do? – Loops- 1
INTERMEDIATE	Pre/Post/Infix Notation – Basic Operations - 2
	Bit String Flicking –No Solving - 2
	LISP – Operations -1
SENIOR	Pre/Post/Infix Notation – New Operators -2
	Bit String Flicking –With Solving - 2
	LISP – Functions – 1

CONTEST #3	END DATE: March 10, 2017
DIVISION	
ELEMENTARY	Boolean Algebra - 5
CLASSROOM	Boolean Algebra – No XOR - 4
	Data Structures – No Heaps or Path Length - 4
	What Does This Program Do? – 1D Arrays- 1
	Regular Expressions – No FSA’s - 1
JUNIOR	Boolean Algebra – No XOR - 2
	Data Structures – No Heaps or Path Length - 2
	What Does This Program Do? – 1D Arrays- 1
INTERMEDIATE	Boolean Algebra – No XOR - 2
	Data Structures – No Heaps or Path Length - 2
	Regular Expressions – No FSA’s - 1
SENIOR	Boolean Algebra - 2
	Data Structures - 2
	Regular Expressions and FSA’s -1

CONTEST #4	END DATE: April 14, 2017
DIVISION	
ELEMENTARY	Graph Theory - 5
CLASSROOM	Graph Theory – No Powers Greater Than 2 - 4
	Digital Electronics – Up to 3 Variables - 4
	What Does This Program Do? – 2D Arrays - 1
	Assembly Language – No Loops -1
JUNIOR	Graph Theory – No Powers Greater Than 2 -2
	Digital Electronics – Up to 3 Variables - 2
	What Does This Program Do? – 2D Arrays- 1
INTERMEDIATE	Graph Theory – No Powers Greater Than 2 -2
	Digital Electronics - Up to 3 Variables - 2
	Assembly Language – No Loops -1
SENIOR	Graph Theory - 2
	Digital Electronics - 2
	Assembly Language – With Loops -1