

# M.The Deschamps Codice (I/I)

## M-1

**1-3:** 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> consonant of the surname. If there are not enough consonants, add the first vowel.

**4-6:** 1<sup>st</sup>, 3<sup>rd</sup> and 4<sup>th</sup> consonant of the given name. If there are only 3 consonants, take the 1<sup>st</sup>, the 2<sup>nd</sup> and the 3<sup>rd</sup> one. If there are not enough consonants, add the first vowel.

**7-8:** Year of birth (last two digits)

**9:** Month of birth (A = January, C = March, E = May, H = June, L = July, P = September, R = October, T = December). Even though it is unclear why some letters are not used, it is easy to notice that the letters are ordered alphabetically, which allows to establish the missing correspondences (B = February, D = April, M = August, S = November)

**10-11:** Day of birth (for a female, add 40)

**12:** Z

**13:** Continent (1 = Europe, 2 = Asia, 3 = Africa, 4 = North America, 6 = South America)

**14-15:** Country within a continent. Countries are ordered alphabetically, assuming that their Italian names are similar to the English ones (Europe: 10 = France / *Francia*, 15 = Greece / *Grecia*, 33 = Switzerland / *Svizzera*; South America: 00 = Argentina / *Argentina*, 01 = Bolivia / *Bolivia*, 03 = Chile / *Cile*). The most likely candidate for 02 in South America is Brazil / *Brasile*.

**16:** Checksum (algorithms for counting it are too difficult to be deduced from the problem)

## M-2

Y is regarded as a consonant, no matter how it is actually pronounced.

First and Last Name	Sex	Date of birth	Country of birth	Codice fiscale
Pedro Santos	M	Feb 03, 1986	Brazil	SNTPDR86B03Z602Z
Rita Uwak	F	Apr 28, 1960	A country in Africa	WKURTI60D68Z335A
Yukari Miyama	F	Aug 30, 1990	A country in Asia	MYMYKR90M70Z219U

## M-3

The solvers may provide other given names and surnames. The grader has to check whether the first six letters of the *codice fiscale* can be generated from them correctly (disregarding the checksum). Z335 is actually Nigeria, and Z219 is Japan.

