

# 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.

