

## ЭКЗАМЕНАЦИОННЫЙ БИЛЕТ № 6

### 4. Выполните анализ и реферирование текста «Programming languages» (15 баллов)

"Software is eating the world," venture capitalist Marc Andreessen famously declared. Someone has to write that software. There are thousands of programming languages, but some are far more popular than others. When a company goes out to find new programming talent, they're looking for people familiar with the languages and systems they already use — even as newer languages like Apple Swift or Google Go start to make a splash.

**R** This is the programming language of choice for statisticians and anybody doing data analysis. Google has gone on record as a big fan of R, for the power it gives to its mathematicians.

**Go** Originally designed by Google to build systems at the immense scale needed to power the world's busiest search engine, it's since caught on with developers who value reliability and integrity above all else. It's one of the fastest-growing programming languages out there, too.

**Ruby** Developers like this 24-year-old language because it's easy to read and write the code. Also popular is Rails, an add-on framework for Ruby that makes it really easy to use it to build web apps. The language's official motto is "A programmer's best friend."

**Groovy** This offshoot of Java has surged in popularity since its 2007 inception, designed to make it easier and faster to write lots of code. And since Groovy integrates just fine with Java code, it's won over developers at big companies like IBM, Google, and Target.

**Objective-C** The original C programming language was so influential that it inspired a lot of similarly named successors, all of which took their inspiration from the original but added features from other languages. It's still more popular than Apple's homegrown Swift language, but Swift is gaining fast.

**Perl** Originally developed by a NASA engineer in the late '80s, Perl excels at processing text, and developers like it because it's powerful and flexible. It was once famously described as "the duct tape of the web," because it's really great at holding websites together, but it's not the most elegant language.

**Swift** While Apple's issues with Taylor Swift may have made all the headlines last year, the Apple Swift programming language was winning over developers as a faster, easier way to build iPhone apps. With high-profile fans like IBM, expect it to take off even more in 2016.