

**Karadeniz Technical University**  
**Department of Computer Engineering**  
**2014-2015 Spring, Professional English-I Final Exam**  
**26th May, 2015, 3 PM, Duration: 1 hour**

**NAME-SURNAME:**

**STUDENT ID:**

1. Despite being fairly old programming language, C programming is widely **used** because of its efficiency and control. (15p)
2. The C compiler changes **source** code to object code and then creates **executable** file. (20p)
3. "(I) A C program contains functions. (II) The functions specify the tasks to be performed by the program. (III) The "main" function establishes the overall logic of the code. (IV) It is normally kept short and calls different functions to perform the necessary sub-tasks. (V) The performance of a C program is determined by how fast it performs its tasks. (VI) All C codes must have a "main" function."

Write down the number of the sentence which talks about a different aspect of C than the remaining sentences. (20p)

**V**

4. Translate the following paragraph into Turkish language. (15p)

"Variables are memory locations in computer's memory to store data. Variable names are just the symbolic representation of a memory location."

**Değişkenler, veri saklamak için kullanılan bilgisayar belleğindeki bellek konumlarıdır. Değişken isimleri, bir bellek konumunun sadece sembolik bir gösteriminden ibarettir.**

5. Describe the functionality of the following piece of C code using **only one sentence**. (15p)

```
c = (getchar() != EOF)
```

**It assigns 1 to c if the character returned by getchar() is not equal to EOF.**

6. Describe the functionality of the following piece of C code **only one sentence**. (15p)

```
#define MY_NAME ;;;
```

**It defines the symbolic constant MY\_NAME which represents the text ;;;**