

Bando n. MI/T3/24402 - III verbale della Commissione esaminatrice - allegato n. 1

### DOMANDE RELATIVE ALLE MATERIE DEL BANDO.

- 1) Il candidato illustri le principali differenze tra un dipolo di tipo cosin theta ed uno di tipo solenoide inclinato.
- 2) Il candidato illustri pro e contro del raffreddamento in bagno di Elio per un magnete superconduttore.
- 3) Il candidato illustri i principali parametri di scelta tra superconduttori a bassa temperatura e quelli ad alta temperatura.
- 4) Il candidato illustri i vantaggi e limitazioni dell'utilizzo del ferro nei magneti superconduttori.
- 5) Il candidato illustri il processo di progettazione di un magnete superconduttore per acceleratore elencandone le fasi principali.



## TESTI DI INGLESE DA LEGGERE E TRADURRE

### TESTO A

#### **My morning routine**

My name is Bob. Each day I drive my kids to school. My daughter goes to a school that's far from our house. It takes 30 minutes to get there. Then I drive my son to his school. It's close to my job. They are both good students. I arrive at the office at 8:30 AM. I say good morning to all my workmates then I get a big cup of hot coffee. I turn on my computer and read my email. Some days I have a lot to read.

### TESTO B

#### **My family at home.**

My family lives in a small house. It's simple but pretty. It has a large garden. I like to work in the garden but my sister hates to work in the garden. She prefers to read. She reads in the morning, in the afternoon and at night. My family always eats breakfast and dinner together. We talk. We laugh. Then my sister washes the dishes. At night dad likes to listen to music. Mom works on the computer. I watch television and my sister reads.

### TESTO C

#### **The city where I live**

My name is Clark, and I will tell you about my city. I live in an apartment. In my city, there is a post office where people mail letters. On Monday, I go to work. I work at the post office. My friends and I go to the park. We like to play soccer at the park. On Fridays, we go to the cinema to see a movie. Children don't go to school on the weekend. Each day, people go to the hospital when they are sick. The doctors and nurses take care of them. The police keep everyone safe. I am happy to live in my city.



**DOMANDE DI INFORMATICA.**

- 1) "Browser" definizione e funzioni principali.
- 2) Elencare i principali fattori che influenzano le prestazioni di un computer.
- 3) Definizione di "virus informatico" ed effetti che può produrre.

