

## ТИПОВІ ТЕСТИ

з дисципліни «Іноземна мова (за професійним спрямуванням)»

Спеціальність: 152 «Метрологія та інформаційно-вимірвальна техніка»

Спеціалізація: «Інформаційні вимірвальні системи»

Модуль №1

### 1. Choose the best word from each pair in bold.

Are we 10 years away from artificial life?

Scientists have made tremendous strides in **coding/decoding** human and animal genomes, synthesizing DNA and cloning. Creating artificial, functioning biological organisms seems to present a tremendous leap beyond any of these abilities. But some of the companies and researchers **involved/working** in the quest for artificial life believe that the 10-year time **frame/limit** is possible. Not only that - they say that the development of wet artificial life (as it's often called) will radically **effect/affect** our views of biological life and our place in the **world/universe**.

Wet artificial life is not a modified or genetically engineered organism. It's life created entirely from basic parts. Biologists have some basic ideas about which qualities artificial life needs to **possess/present** in order to be considered **living/alive**.

First, artificial life needs to have DNA or genetic code. It also needs to be able to reproduce and to pass on its genetic code. The life form then needs somewhere to place its genetic code, a protective **capsule/casing** or membrane, similar to a cell wall that keeps the DNA and other parts together.

Developing some of these characteristics presents many **challenges/problems** to researchers. But one Harvard scientist predicted that great **advances/achievements** would be made in creating cell membranes. To create DNA, some scientists advocate placing nucleotides (the building blocks of DNA) inside the cell casing. The nucleotides could somehow be combined to form DNA. That itself might pose a challenge.

Розробник:

Викладач \_\_\_\_\_ Сагратова К.Е.