DNA Vaccines

1. Trong câu này, **which** là tân ngữ của động từ nào?   (1 point)

   *The outer frontier of vaccines is now in the realm of DNA vaccines, **which** research first began to test only in the 1990s.*

   ○ research
   ○ began
   ○ test

2. Which is True about DNA vaccine approach?   (1 point)

   ○ Attenuated pathogens are involved in producing DNA vaccines.
   ○ Killed pathogens are involved in producing DNA vaccines.
   ○ Pathogen subunits are isolated when producing DNA vaccines.
   ○ DNA vaccines are different from live virus vaccine, inactivated vaccine, and subunit vaccines.

3. Which is the first step in developing DNA vaccine?   (1 point)

   ○ Utilize the genetic material
   ○ Isolate a gene from the pathogen
   ○ Slice the gene into DNA vector
   ○ Purify and replicate a bacterial plasmid

4. Read the sentence: (1 point)

   Once injected, DNA vaccinations prompt helper T cells and B cells to multiply and produce memory cells, as well as activate cytotoxic "killer" T cells, which are the toughest pathogen fighters.

   How many jobs does DNA vaccinations do as described in this sentence?
   ○ 1
   ○ 2
   ○ 3
   ○ 4

5. In this sentence: (1 point)

For these reasons, DNA vaccines hold enormous promise in the development of both prophylactic vaccines, such as those that target a pathogen, as well as therapeutic vaccinations, which fight cancer.

How many types of vaccines are mentioned in the sentence? (không tính DNA vaccine)

- ○ 1
- ○ 2
- ○ 3
- ○ 4

6. In this sentence: (1 point)

*While they are both cost effective and well tolerated by patients, some concerns hamper their advancement. In particular, **these** are related to their ability to disrupt cellular processes and produce anti-DNA antibodies, resulting in too low a level of immunogenicity.*

What does **these** replace?
- ○ patients
- ○ some concerns
- ○ advancement
- ○ they

7. In this sentence: (1 point)

Scientists are hopeful that in the not-so-distant future, advancements will lead to the eradication of currently incurable illnesses.

--> Scientists are hopeful that illnesses that can't be cured at the present will be ………… in not-so-far future.