

Nordic Health Breakthroughs: From AI in Diagnostics to Pandemic Preparedness

Nordic Health · Answer Key · 8 Questions

1. In November 2024, Nordic health ministers adopted new actions emphasizing a 'One Health Perspective.' What key global health challenge does this approach primarily aim to address through cross-sectoral collaboration?

- A) Climate change adaptation in healthcare
- B) Antimicrobial resistance (AMR)**
- C) Non-communicable disease prevention
- D) Mental health service accessibility

2. Denmark's 2024 World Index of Healthcare Innovation highlights its strength in 'Science & Technology.' Which specific technological area has Denmark excelled in, ranking second in this element?

- A) Genomic sequencing and personalized medicine
- B) Telemedicine and remote patient monitoring
- C) Health digitization and information technology**
- D) Robotics in surgery

3. In Iceland, a significant workforce challenge has been identified in the healthcare sector. An audit of the country's main hospital in 2025 revealed a substantial number of unfilled nursing positions. Approximately how many registered nurse positions were unfilled, impacting operational capacity?

- A) Around 150
- B) Approximately 50**
- C) Over 200
- D) Fewer than 25

4. Estonia's public health emergency preparedness assessment in 2024 indicated investments were made post-COVID-19 in laboratory capabilities. What advanced technologies were specifically highlighted as being established for enhanced surveillance of communicable diseases?

- A) AI-driven diagnostic imaging
- B) Whole genome sequencing and bioinformatic analysis**
- C) CRISPR-based pathogen detection
- D) Nanoparticle-based drug delivery systems

5. The Nordic Co-operation Programme for Health and Social Affairs for 2025-2030 emphasizes preventing mental health problems and involuntary isolation. What is a stated objective of this program concerning societal groups?

- A) To mandate digital health literacy for all citizens
- B) To ensure equal opportunities for leading good and healthy lives**
- C) To exclusively focus on geriatric mental health services
- D) To centralize all mental health services under a single Nordic authority

6. In Lithuania, the 2024-2025 flu season saw a notable increase in flu-related deaths compared to the previous season. How many flu-related deaths were recorded in the 2024-2025 season, marking a historical high for long-term monitoring?

- A) 27
- B) 75**
- C) 10
- D) 56

7. Finland's national health and wellbeing program, 'Terveystieteiden tutkimuskeskus,' implemented from 2024 to 2027, has five thematic areas. Which of the following is NOT one of the primary focus areas of this program?

- A) Healthy nutrition
- B) Wellbeing of children and young people
- C) Reducing loneliness
- D) Advanced cancer research funding**

8. Regarding pandemic preparedness, Sweden has research programs focusing on viruses and pandemics, and another on antibiotic resistance. In 2024, the Swedish Public Health Agency was involved in a specific international study related to which disease, coordinated by the EU?

- A) Ebola
- B) Mpox**
- C) Zika
- D) Marburg