Global Nanotechnology Infrastructure

Nanotechnology Geography · Answer Key · 20 Questions

1. Which city hosts the Nano-Micro Manufacturing Research Center at the National Institute of Advanced Industrial Science and Technology (AIST)?

A) Tsukuba
B) Osaka
C) Sendai
D) Fukuoka

2. The Nano-Science Center, which collaborates extensively with the Nanoscience Platform, is primarily based at which European university?

A) University of Zurich
B) University of Copenhagen
C) University of Vienna
D) University of Oslo

3. Which country operates the 'Nano-Center' within the Skolkovo Innovation Center, a hub often compared to Silicon Valley?

A) Kazakhstan
B) Ukraine
C) Russia
D) Belarus

4. The Centre for Nanoscience and Nanotechnology (C2N), a major research facility formed by the merger of two laboratories, is located near which European capital?

A) Berlin
B) Madrid
C) Paris
D) Rome

5. In which city is the 'National Institute for Nanotechnology' (NINT), a joint venture between the National Research Council and the University of Alberta, located?

A) Toronto
B) Vancouver
C) Edmonton
D) Montreal

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6. Which institute, located in Bangalore, serves as a primary hub for nanotechnology research in India?

A) Indian Institute of Science (IISc)
B) Indian Institute of Technology Bombay
C) Tata Institute of Fundamental Research
D) National Physical Laboratory

7. The Interuniversity Microelectronics Centre (IMEC), a world-leading R&D hub for nanoelectronics, is headquartered in which Belgian city?

A) Brussels
B) Antwerp
C) Leuven
D) Ghent

8. Which facility, located at the University of New South Wales, is a central node for the Australian National Fabrication Facility (ANFF)?

A) The Sydney Nano Institute
B) The Melbourne Centre for Nanofabrication
C) The Queensland Micro- and Nanotechnology Centre
D) The ANFF-NSW Node

9. The 'International Iberian Nanotechnology Laboratory' (INL) is an intergovernmental research organization located in which city?

A) Lisbon
B) Braga
C) Madrid
D) Barcelona

10. Which university is home to the 'Center for Nanoscale Systems' (CNS), a multi-user facility supported by the National Science Foundation in the United States?

A) Stanford University
B) MIT
C) Harvard University
D) UC Berkeley

11. The National Nanotechnology Centre (NANOTEC) of Thailand is located within which science park?

A) Thailand Science Park
B) Eastern Economic Corridor
C) Bangkok Innovation District
D) Chiang Mai Science Park

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12. Which nation maintains the 'National Institute for Materials Science' (NIMS) as its core organization for nanotechnology and materials research?

A) South Korea
B) Japan
C) China
D) Singapore

13. The 'Center for Nanotechnology' at the University of Basel is located in which Swiss canton known for its pharmaceutical and chemical industry?

A) Zurich
B) Bern
C) Basel-Stadt
D) Geneva

14. Which Chinese city is home to the 'National Center for Nanoscience and Technology' (NCNST), established by the Chinese Academy of Sciences?

A) Shanghai
B) Shenzhen
C) Beijing
D) Wuhan

15. The 'Dresden Integrated Center for Applied Physics and Photonic Materials' (IAPP) is a key nanotechnology hub in which country?

A) Germany
B) Austria
C) Netherlands
D) Switzerland

16. In which Middle Eastern country is the 'Center of Excellence for Nanotechnology' at King Fahd University of Petroleum and Minerals located?

A) United Arab Emirates
B) Qatar
C) Saudi Arabia
D) Kuwait

17. The 'Wuhan National Laboratory for Optoelectronics' (WNLO), a significant nanotechnology research base, is located in which province of China?

A) Guangdong
B) Zhejiang
C) Hubei
D) Jiangsu

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18. The 'Nanotechnology Institute' (NTI) in the United Kingdom was a collaborative effort primarily associated with which region?

A) Greater London
B) North West England
C) West Midlands
D) South East Scotland

19. Which city hosts the 'National Nanotechnology Laboratory' (NNL) of the National Nanotechnology Initiative in Italy?

A) Lecce
B) Milan
C) Turin
D) Bologna

20. The 'Nano-Fabrication Facility' at the Korea Advanced Institute of Science and Technology (KAIST) is located in which city?

A) Seoul
B) Daejeon
C) Incheon
D) Busan

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