

Global Nanotechnology Infrastructure

Nanotechnology · Answer Key · 25 Questions

1. Which city hosts the Nano-Micro Manufacturing Research Center, a pivotal facility for the Japanese National Institute of Advanced Industrial Science and Technology (AIST)?

A) Tsukuba

B) Osaka

C) Kyoto

D) Sendai

2. The Nano-Fabrication Center at the Technion-Israel Institute of Technology is a primary hub for nanotechnology research located in which city?

A) Tel Aviv

B) Haifa

C) Jerusalem

D) Beersheba

3. The European Union's flagship 'Graphene Flagship' project is headquartered at which major technical university in Sweden?

A) KTH Royal Institute of Technology

B) Lund University

C) Chalmers University of Technology

D) Uppsala University

4. In which German city is the 'INM - Leibniz Institute for New Materials' located, serving as a primary research center for nanotechnology in Europe?

A) Saarbrücken

B) Dresden

C) Munich

D) Stuttgart

5. The National Nanotechnology Infrastructure Network (NNIN) was a major US initiative; which university served as the primary administrative site for this network?

A) Stanford University

B) MIT

C) Cornell University

D) Georgia Tech

6. The International Iberian Nanotechnology Laboratory (INL) is an intergovernmental research organization established by the governments of which two countries?

- A) Spain and France
- B) Portugal and Spain**
- C) Portugal and Brazil
- D) Spain and Italy

7. Which Chinese city is home to the National Center for Nanoscience and Technology (NCNST), operating under the Chinese Academy of Sciences?

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

8. The CINT (Center for Integrated Nanotechnologies) is a major U.S. Department of Energy facility jointly operated by Sandia and which other National Laboratory?

- A) Los Alamos National Laboratory**
- B) Oak Ridge National Laboratory
- C) Lawrence Berkeley National Laboratory
- D) Argonne National Laboratory

9. Which Australian university is home to the 'Australian National Fabrication Facility' (ANFF) node specializing in nanofabrication and material science?

- A) University of Sydney
- B) University of Melbourne
- C) Australian National University**
- D) University of Queensland

10. The 'Nanotechnology and Nanoscience Institute' at the University of Barcelona is a leading center located in which autonomous community of Spain?

- A) Andalusia
- B) Galicia
- C) Catalonia**
- D) Basque Country

11. Which Canadian province hosts the 'National Institute for Nanotechnology' (NINT) on the campus of the University of Alberta?

- A) Ontario
- B) Quebec
- C) British Columbia
- D) Alberta**

12. The Wyss Institute for Biologically Inspired Engineering, known for its work in nanobiotechnology, is affiliated with which university in Massachusetts?

- A) Boston University
- B) Harvard University**
- C) Tufts University
- D) Brandeis University

13. Which city is home to the 'Center for Nanotechnology' (CeNTech), one of the first dedicated nanotechnology research buildings in Germany?

- A) Münster**
- B) Berlin
- C) Hamburg
- D) Cologne

14. The 'National Institute for Materials Science' (NIMS), which maintains a world-leading nanotechnology research center, is located in which Japanese prefecture?

- A) Tokyo
- B) Ibaraki**
- C) Kanagawa
- D) Aichi

15. Which major nanotechnology research center is located in the Hsinchu Science Park, often called the 'Silicon Valley of Taiwan'?

- A) Industrial Technology Research Institute (ITRI)**
- B) National Taiwan University
- C) Academia Sinica
- D) Tsing Hua University

16. The 'London Centre for Nanotechnology' is a multidisciplinary research center established jointly by Imperial College London and which other institution?

- A) King's College London
- B) University College London (UCL)**
- C) London School of Economics
- D) Queen Mary University of London

17. Which city in India is home to the 'Institute of Nano Science and Technology' (INST), an autonomous institution under the Department of Science and Technology?

- A) Bengaluru
- B) Mohali**
- C) Hyderabad
- D) Chennai

18. The 'Nanotechnology Center of Excellence' in Thailand is hosted by which university, located in Bangkok?

A) Chulalongkorn University

B) Mahidol University

C) Thammasat University

D) Kasetsart University

19. The 'Centre for Research in Nanotechnology and Nanomedicine' (NANOMED) is a significant research node located in which Portuguese city?

A) Lisbon

B) Porto

C) Coimbra

D) Braga

20. Which Russian city hosts the 'National University of Science and Technology MISIS', known for its advanced research in nanomaterials?

A) Saint Petersburg

B) Novosibirsk

C) Moscow

D) Kazan

21. The 'Kavli Nanoscience Institute' (KNI) is a research center for nanoscience and nanotechnology situated at which American university?

A) Caltech

B) UC Berkeley

C) UCLA

D) University of Chicago

22. The 'Nanotechnology Research Center' (NTRC) in South Korea is a prominent facility associated with which prestigious science and technology institute in Daejeon?

A) POSTECH

B) KAIST

C) UNIST

D) GIST

23. Which city in France hosts the 'MINATEC' innovation campus, one of the world's leading centers for micro and nanotechnology?

A) Paris

B) Grenoble

C) Lyon

D) Toulouse

24. The 'Russian Research Center Kurchatov Institute' has been a global pioneer in nanotechnology; in which city is its main campus located?

A) Moscow

B) Saint Petersburg

C) Ekaterinburg

D) Tomsk

25. The 'Center for Nanotechnology' (CNT) at the University of Washington is located in which major U.S. city?

A) Seattle

B) Tacoma

C) Olympia

D) Spokane