Pioneers and Milestones in Horticulture

Horticulture · Answer Key · 20 Questions

1. Who is widely considered the 'Father of Taxonomy' for developing the binomial nomenclature system used in horticulture today?

A) Gregor Mendel
B) Carl Linnaeus
C) Luther Burbank
D) Liberty Hyde Bailey

2. In 1829, Nathaniel Bagshaw Ward accidentally invented the 'Wardian Case', which was a precursor to what modern horticultural invention?

A) The hydroponic tray
B) The greenhouse climate controller
C) The terrarium
D) The automated misting system

3. Which 19th-century botanist and plant breeder is famous for developing the Russet Burbank potato?

A) Luther Burbank
B) John Bartram
C) Thomas Andrew Knight
D) Frederick Law Olmsted

4. What was the primary purpose of the 'Orangery' structures first popularized in 17th-century Europe?

A) To display exotic flower species
B) To protect citrus trees from frost
C) To cross-breed tropical fruits
D) To experiment with soil-less cultivation

5. Which scientist is credited with discovering the laws of inheritance through his experiments with pea plants?

A) Charles Darwin
B) Gregor Mendel
C) Joseph Dalton Hooker
D) Carl Linnaeus

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6. The first successful large-scale use of hydroponics in a commercial setting was pioneered by William Frederick Gericke at which institution in the 1930s?

A) University of California, Berkeley
B) Royal Botanic Gardens, Kew
C) Harvard University
D) Cornell University

7. Who is credited with the invention of the mechanical lawnmower in 1827?

A) Edwin Budding
B) Thomas Green
C) James Sumner
D) William Davis

8. What is the name of the first horticultural society in the world, founded in London in 1804?

A) The Linnean Society
B) The Royal Horticultural Society
C) The Botanical Society of America
D) The Chelsea Physic Garden Society

9. The 'Kokedama' technique, where a plant's root system is wrapped in moss and bound with string, originated in which country?

A) China
B) Japan
C) Thailand
D) Vietnam

10. Which historical horticultural site, established in 1673, is one of the oldest botanical gardens in the United Kingdom?

A) Royal Botanic Gardens, Kew
B) Chelsea Physic Garden
C) Cambridge University Botanic Garden
D) Oxford Botanic Garden

11. The invention of the 'seed drill' in 1701, which revolutionized planting efficiency, is attributed to whom?

A) Jethro Tull
B) Charles Townshend
C) Robert Bakewell
D) Arthur Young

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12. What botanical discovery did Joseph Banks make during his 1768 voyage on the HMS Endeavour that significantly influenced Australian horticulture?

A) The discovery of the Eucalyptus genus
B) The introduction of the weeping willow
C) The identification of Proteaceae species
D) The first classification of Banksia

13. Which chemical was the first to be widely used as a synthetic plant hormone to stimulate root growth?

A) Indole-3-butyric acid
B) Gibberellin
C) Ethylene
D) Abscisic acid

14. Who is known for the creation of the 'Grafting' technique described in the 'Georgics' by Virgil?

A) The Ancient Romans
B) The Sumerians
C) The Mayans
D) The Incas

15. The 'Chelsea Flower Show' held its first event in which year?

A) 1888
B) 1913
C) 1925
D) 1945

16. Which famous landscape architect designed the 'Central Park' in New York City, introducing the concept of the 'Greensward Plan'?

A) Frederick Law Olmsted
B) André Le Nôtre
C) Capability Brown
D) Gertrude Jekyll

17. What was the main horticultural contribution of the 'Green Revolution' led by Norman Borlaug?

A) The development of high-yield cereal grains
B) The invention of drip irrigation
C) The discovery of mycorrhizal fungi
D) The creation of the first GMO flower

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18. The 'Wardian Case' was instrumental in the 19th century for the successful long-distance transport of which commodity?

A) Tea plants
B) Cacao seeds
C) Orchids
D) All of the above

19. Which garden style, characterized by symmetry and order, was perfected by André Le Nôtre at the Palace of Versailles?

A) Japanese Zen garden
B) French Formal garden
C) English Landscape garden
D) Italian Renaissance garden

20. The 'Munsell Color System' is a standard tool used in horticulture primarily for what purpose?

A) Classifying leaf shapes
B) Measuring soil color
C) Identifying petal pigments
D) Determining fruit ripeness

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